Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
Data File : VV031025.D
Acq On : 15 May 2023 12:36
Operator : SY/MD
Sample : 02790-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Quant Time: May 15 13:06:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 06 01:44:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	124673	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	61234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	61433	5.981	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 119.600%			
7) Chloroethane-d5	1.539	69	48840	5.829	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.600%			
11) 1,1-Dichloroethene-d2	2.066	65	26980	4.963	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.200%			
20) 2-Butanone-d5	3.815	46	152341	83.635	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 167.280%#			
24) Chloroform-d	4.262	84	118947	5.827	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.600%			
26) 1,2-Dichloroethane-d4	4.953	65	64371	6.203	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 124.000%			
32) Benzene-d6	4.969	84	210614	5.873	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.400%			
36) 1,2-Dichloropropane-d6	6.002	67	63480	6.088	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 121.800%			
41) Toluene-d8	7.252	98	182327	5.339	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.800%			
43) trans-1,3-Dichloroprop...	7.561	79	22098	5.654	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 113.000%			
46) 2-Hexanone-d5	8.034	63	79741	58.230	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.460%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	43783	5.793	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.800%			
66) 1,2-Dichlorobenzene-d4	11.567	152	68032	5.960	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 119.200%			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1773	0.153	ug/L	90
5) Vinyl chloride	1.288	62	1315269	135.962	ug/L	99
6) Bromomethane	1.497	94	501	0.109	ug/L	85
8) Chloroethane	1.555	64	24035	4.082	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	1744	0.191	ug/L #	71
12) 1,1-Dichloroethene	2.079	96	183630	21.886	ug/L #	63
13) Acetone	2.143	43	3569	2.294	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	221350	28.883	ug/L	97
19) 1,1-Dichloroethane	3.117	63	7679	0.519	ug/L	92
22) cis-1,2-Dichloroethene	3.822	96	10564638	1306.521	ug/L	92
29) 1,1,1-Trichloroethane	4.523	97	29741	1.935	ug/L	98
31) Carbon tetrachloride	4.526	117	3495	0.253	ug/L	92
35) Methylcyclohexane	5.863	83	628628	49.451	ug/L #	1
37) 1,2-Dichloropropane	5.998	63	8318	1.140	ug/L #	89
42) Toluene	7.326	91	72617	2.192	ug/L	97
47) Tetrachloroethene	7.915	164	2427	0.310	ug/L	90
48) 2-Hexanone	8.095	43	8138	2.806	ug/L #	87
49) Dibromochloromethane	7.911	129	1969	0.289	ug/L #	10
53) m,p-Xylene	9.082	106	1742	0.121	ug/L	93

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
Data File : VV031025.D
Acq On : 15 May 2023 12:36
Operator : SY/MD
Sample : 02790-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Quant Time: May 15 13:06:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 06 01:44:36 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54)	o-Xylene	9.490	106	1042	0.076	ug/L		85
61)	1,2,3-Trichloropropane	11.194	75	6710	1.744	ug/L	#	59
71)	Naphthalene	13.455	128	1027	0.069	ug/L	#	80

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
Data File : VV031025.D
Acq On : 15 May 2023 12:36
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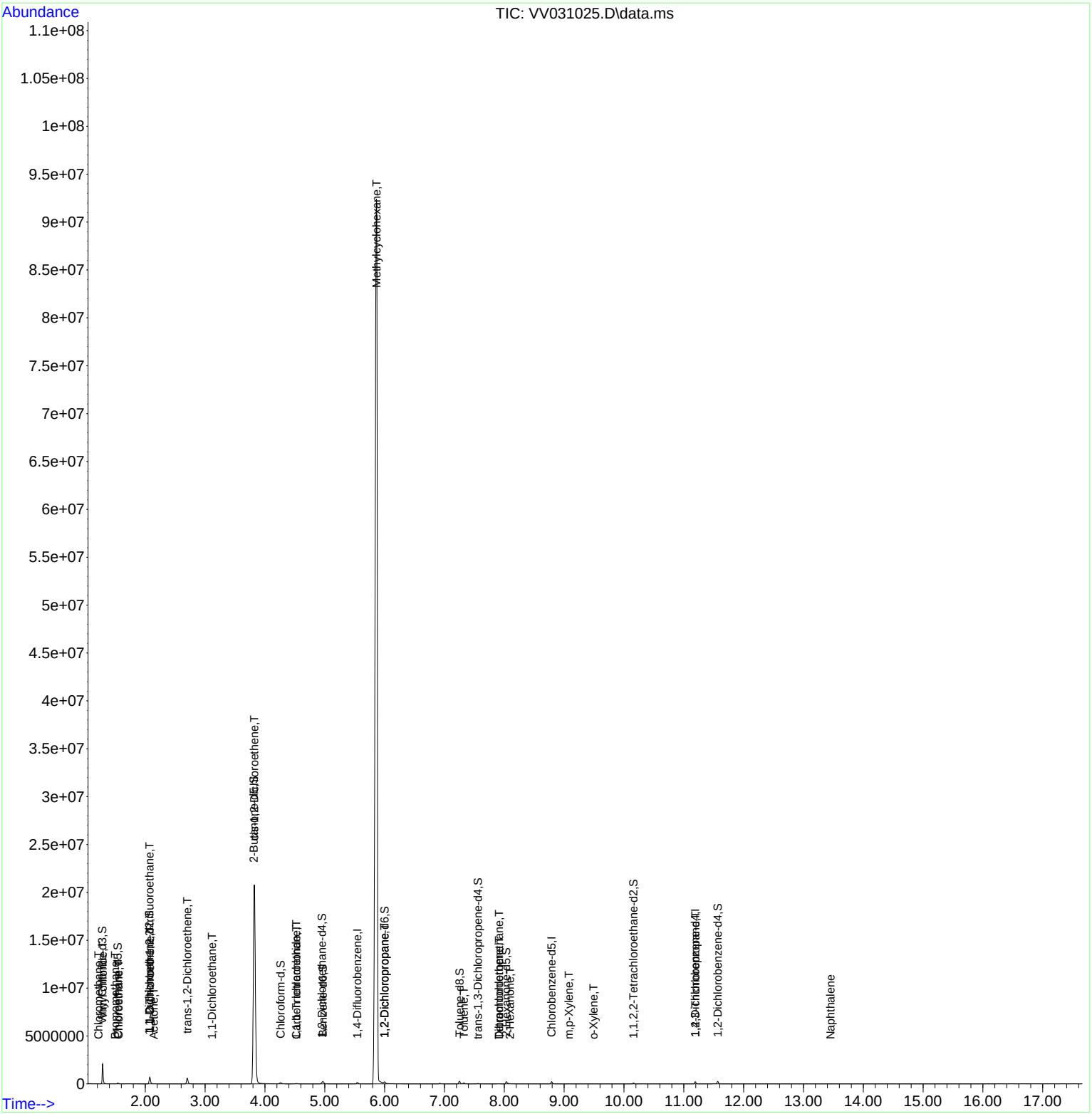
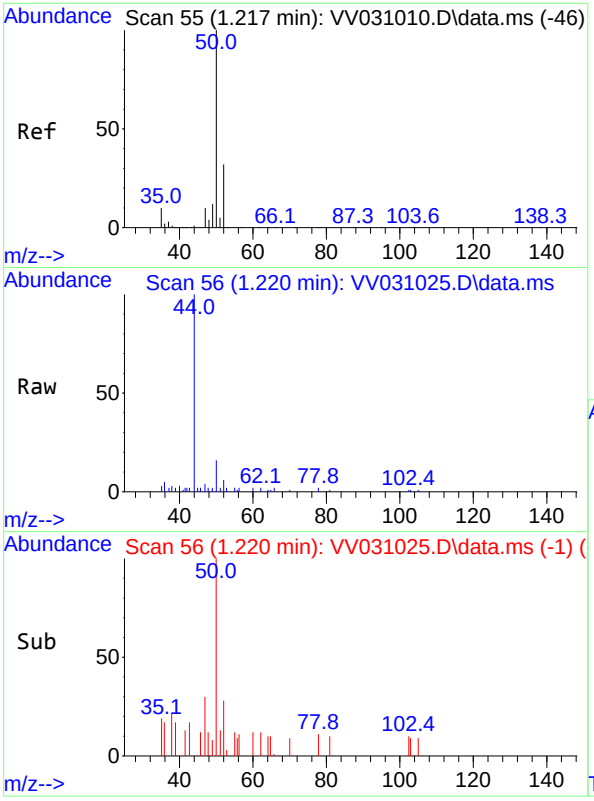
Quant Time: May 15 13:06:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 06 01:44:36 2023
Response via : Initial Calibration



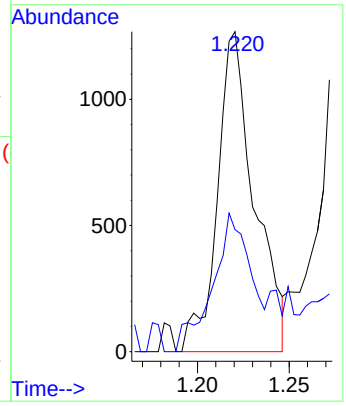


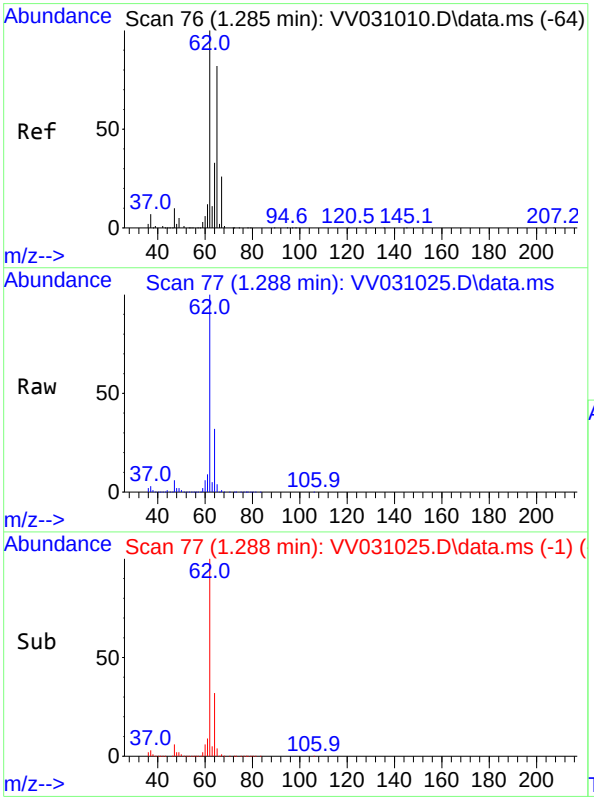
#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.220 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 50 Resp: 1773

Ion	Ratio	Lower	Upper
50	100		
52	38.2	22.8	42.4

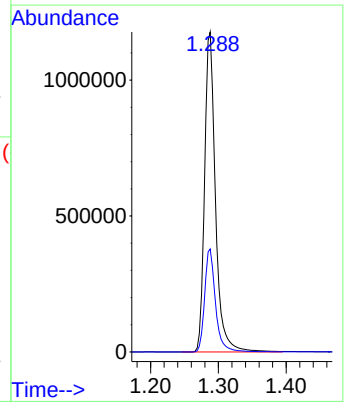


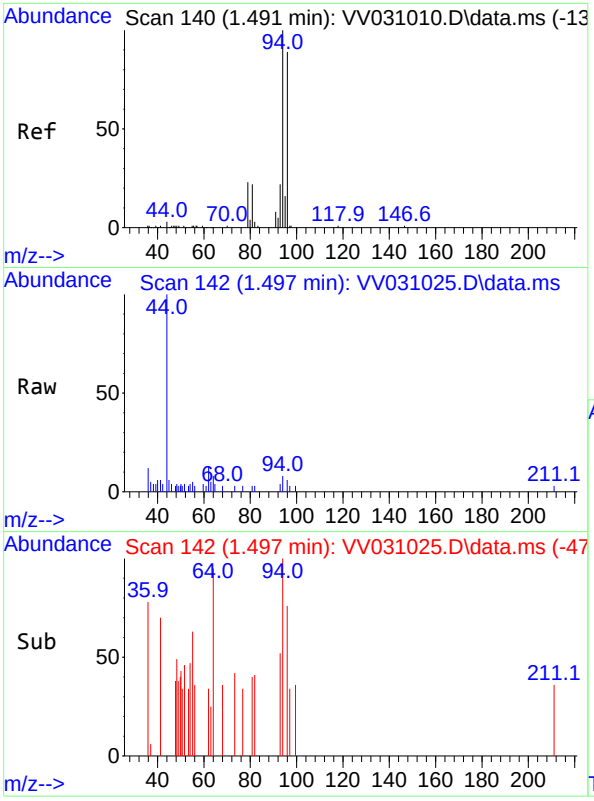


#5
Vinyl chloride
Concen: 135.962 ug/L
RT: 1.288 min Scan# 77
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion: 62 Resp: 1315269

Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.8	42.4



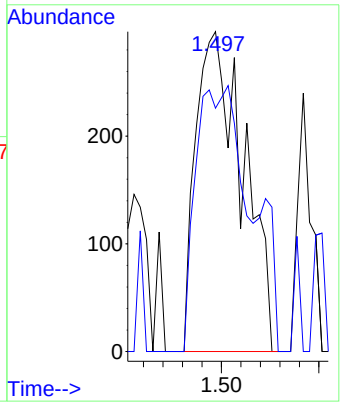


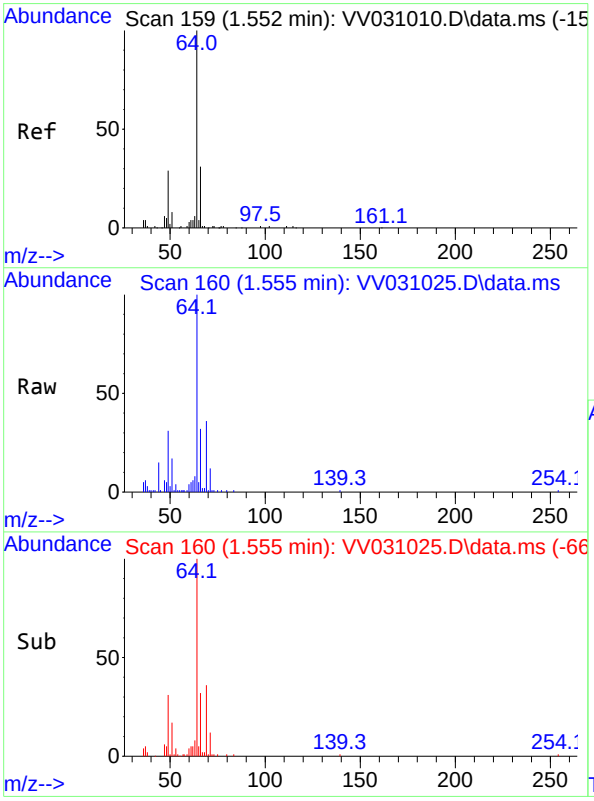
#6
Bromomethane
Concen: 0.109 ug/L
RT: 1.497 min Scan# 14
Delta R.T. 0.007 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 94 Resp: 501

Ion	Ratio	Lower	Upper
94	100		
96	76.1	63.4	117.8

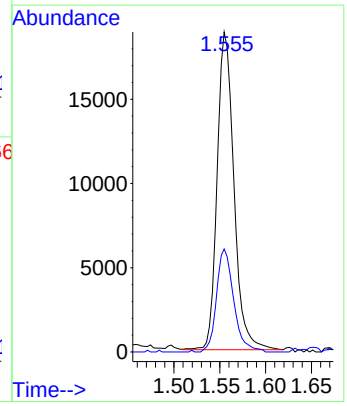


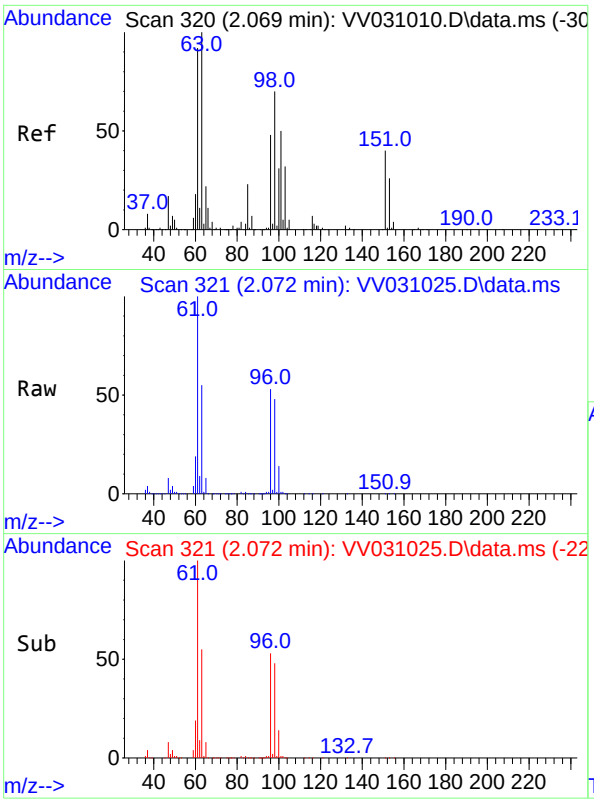


#8
Chloroethane
Concen: 4.082 ug/L
RT: 1.555 min Scan# 160
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion: 64 Resp: 24035

Ion	Ratio	Lower	Upper
64	100		
66	32.2	22.1	41.1



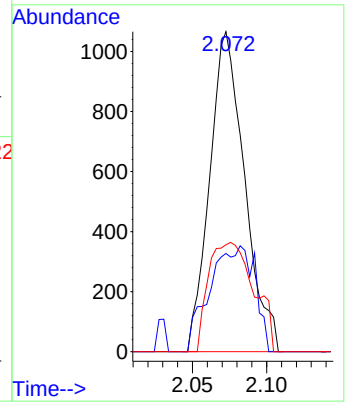


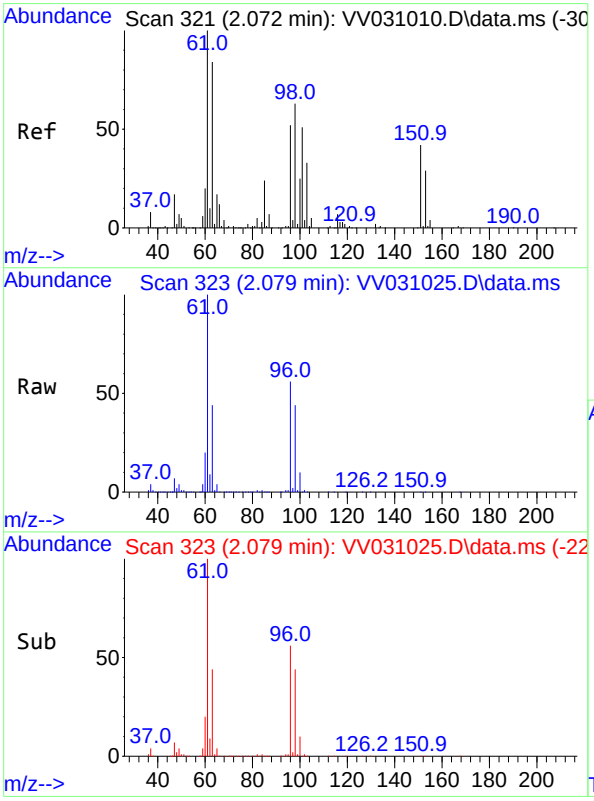
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.191 ug/L
RT: 2.072 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion:101 Resp: 1744

Ion	Ratio	Lower	Upper
101	100		
85	42.8	38.7	58.1
151	44.3	65.1	97.7#

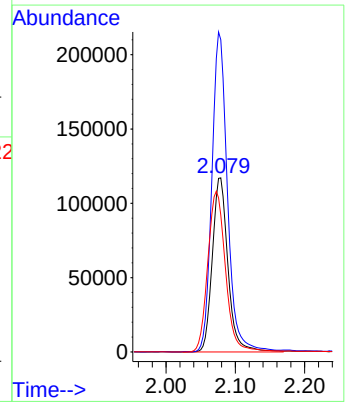


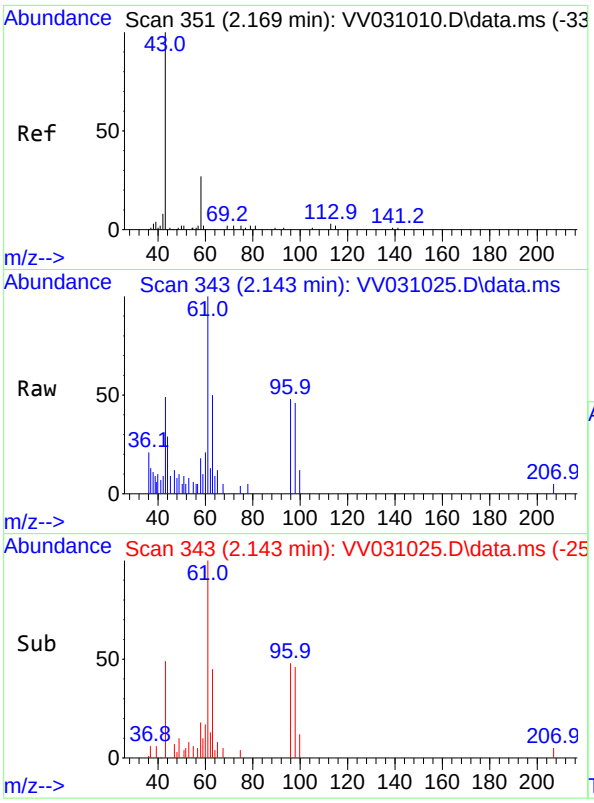


#12
1,1-Dichloroethene
Concen: 21.886 ug/L
RT: 2.079 min Scan# 323
Delta R.T. 0.007 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion: 96 Resp: 183630

Ion	Ratio	Lower	Upper
96	100		
61	179.3	135.6	251.8
63	78.6	121.1	224.9#



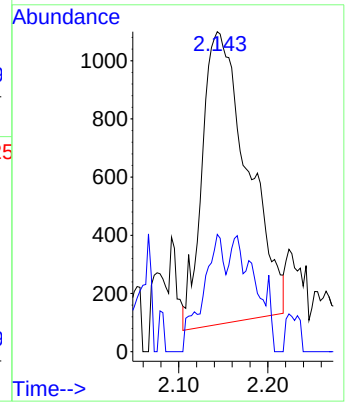


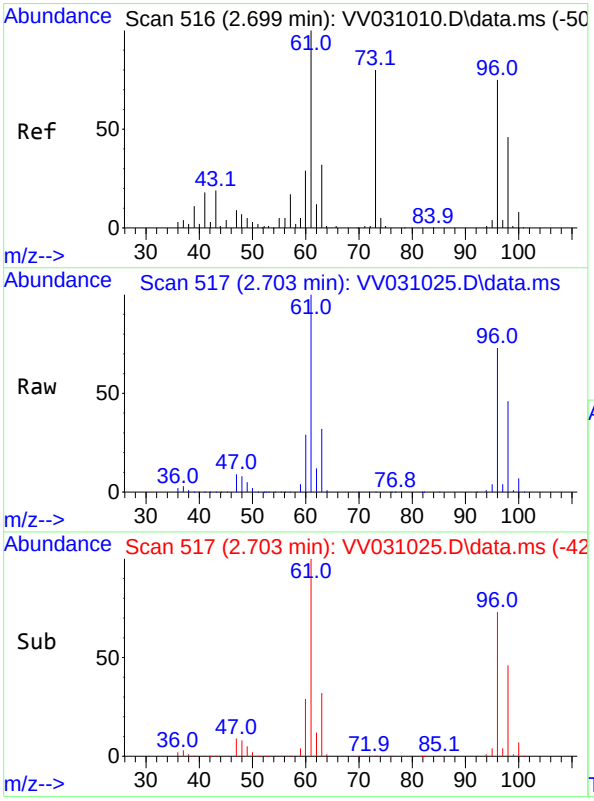
#13
Acetone
Concen: 2.294 ug/L
RT: 2.143 min Scan# 34
Delta R.T. -0.016 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 43 Resp: 3569

Ion	Ratio	Lower	Upper
43	100		
58	19.1	0.0	37.0

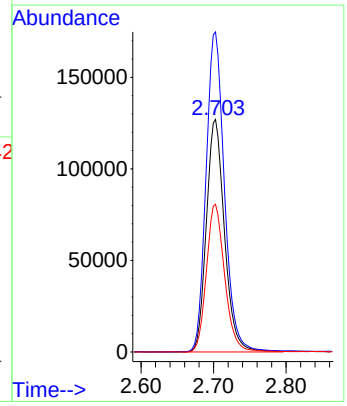


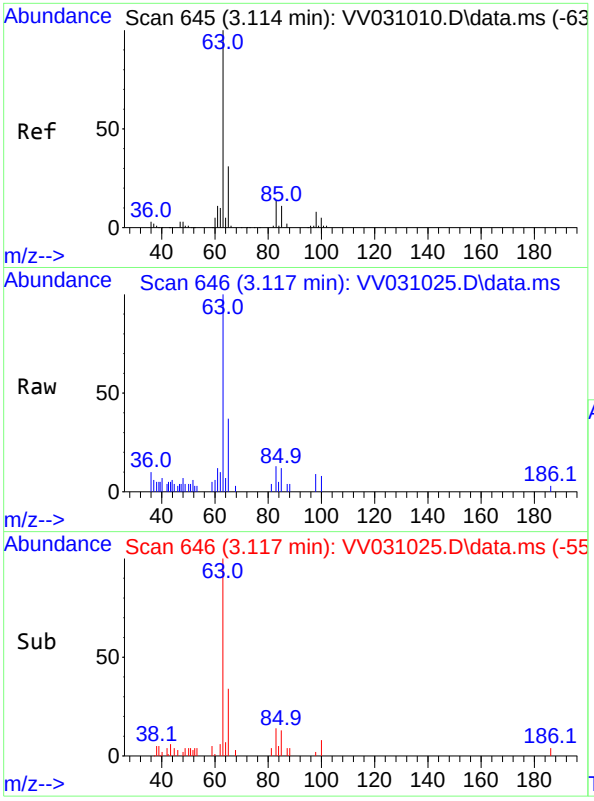


#18
trans-1,2-Dichloroethene
Concen: 28.883 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion: 96 Resp: 221350

Ion	Ratio	Lower	Upper
96	100		
61	137.7	98.9	183.7
98	63.5	46.0	85.4



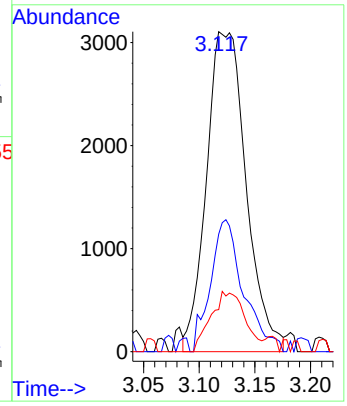


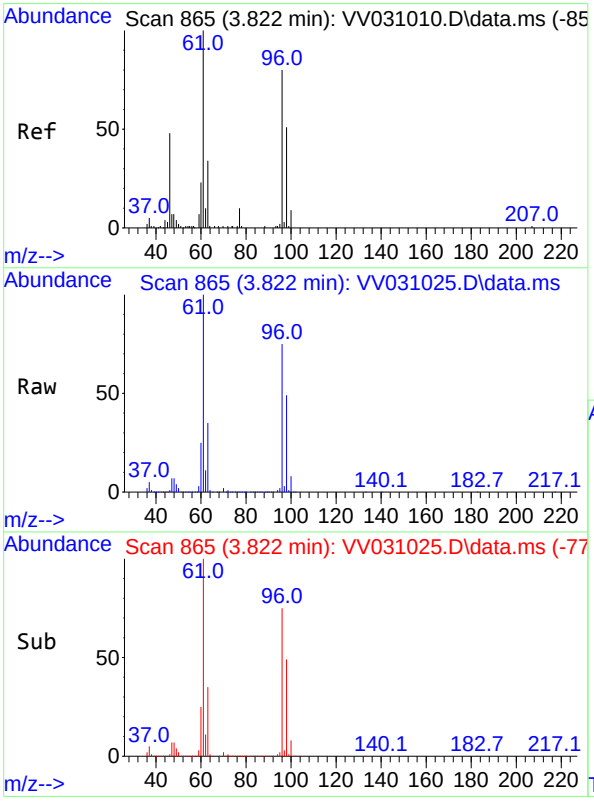
#19
1,1-Dichloroethane
Concen: 0.519 ug/L
RT: 3.117 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 63 Resp: 7679

Ion	Ratio	Lower	Upper
63	100		
65	36.8	21.8	40.6
83	13.2	10.2	19.0

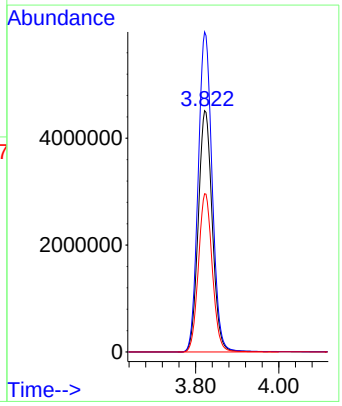


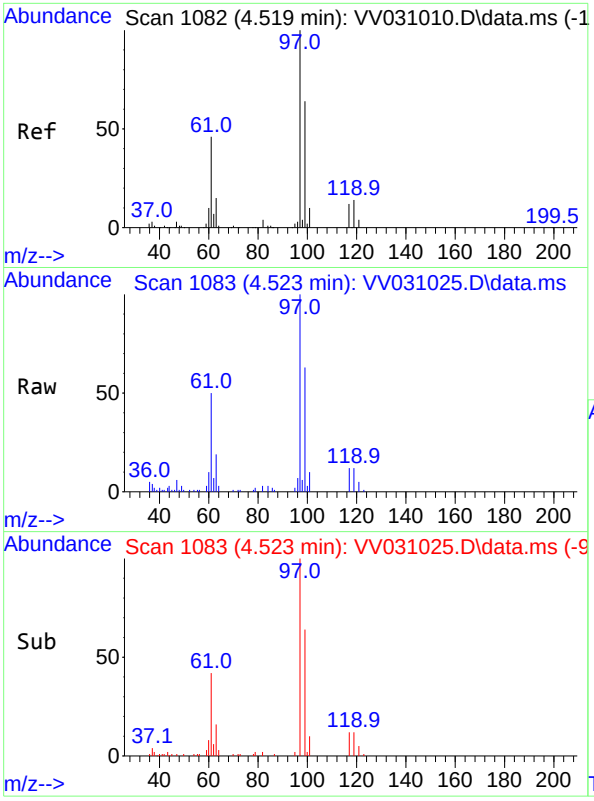


#22
cis-1,2-Dichloroethene
Concen: 1306.521 ug/L
RT: 3.822 min Scan# 865
Delta R.T. -0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion: 96 Resp:10564638

Ion	Ratio	Lower	Upper
96	100		
61	132.6	86.0	159.6
98	65.6	43.2	80.2



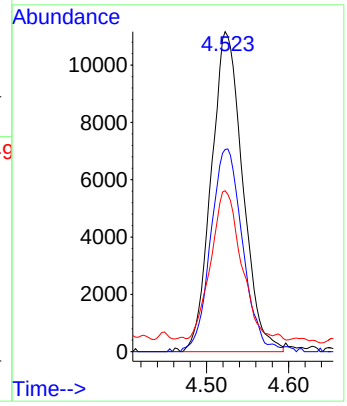


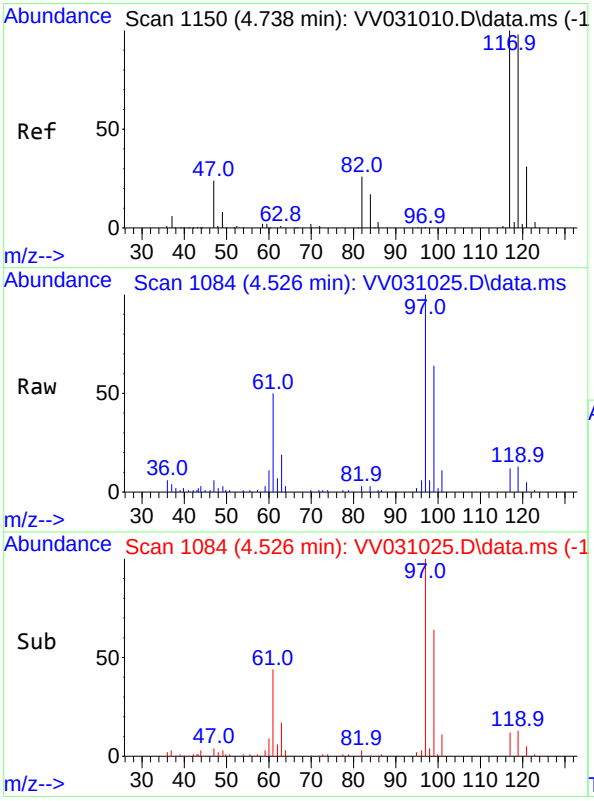
#29
1,1,1-Trichloroethane
Concen: 1.935 ug/L
RT: 4.523 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 97 Resp: 29741

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	44.0	37.4	56.0

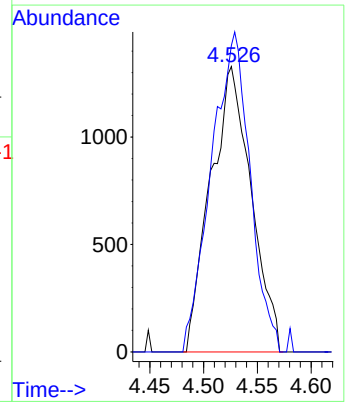


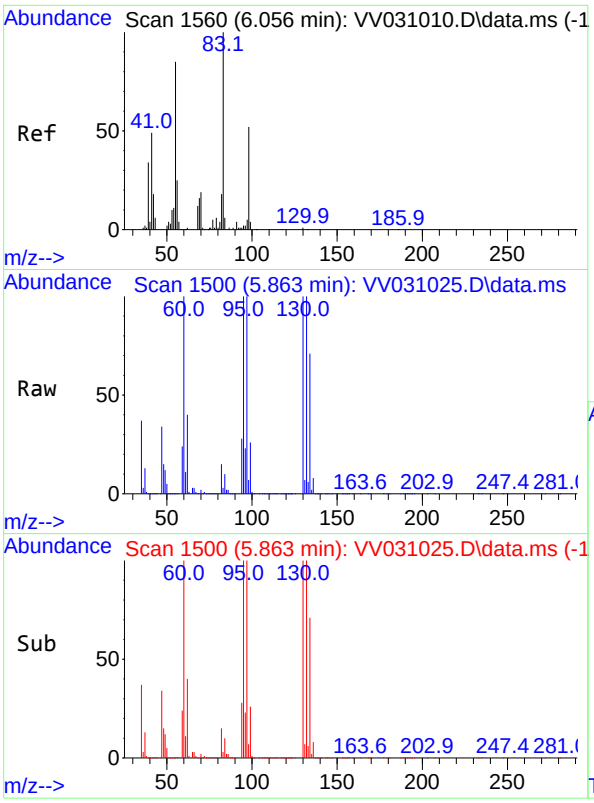


#31
Carbon tetrachloride
Concen: 0.253 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. -0.219 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion:117 Resp: 3495

Ion	Ratio	Lower	Upper
117	100		
119	106.4	78.4	117.6



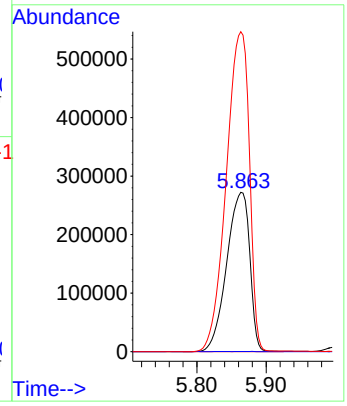


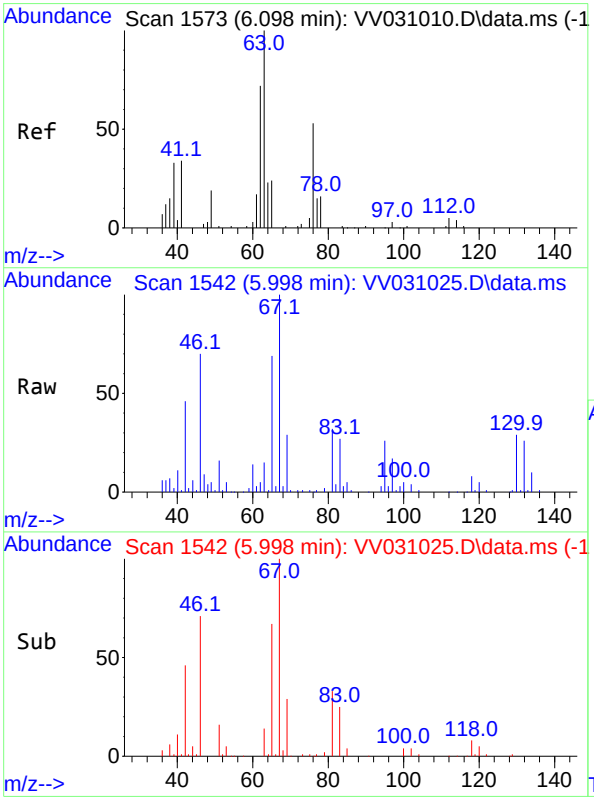
#35
Methylcyclohexane
Concen: 49.451 ug/L
RT: 5.863 min Scan# 1
Delta R.T. -0.193 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 83 Resp: 628628

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.9	94.3#
98	202.0	40.5	60.7#

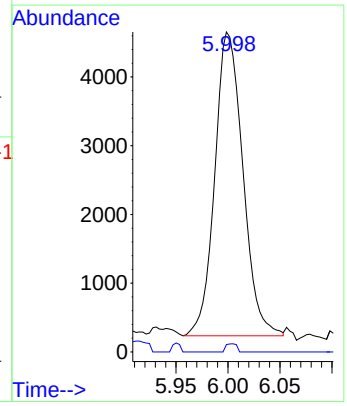


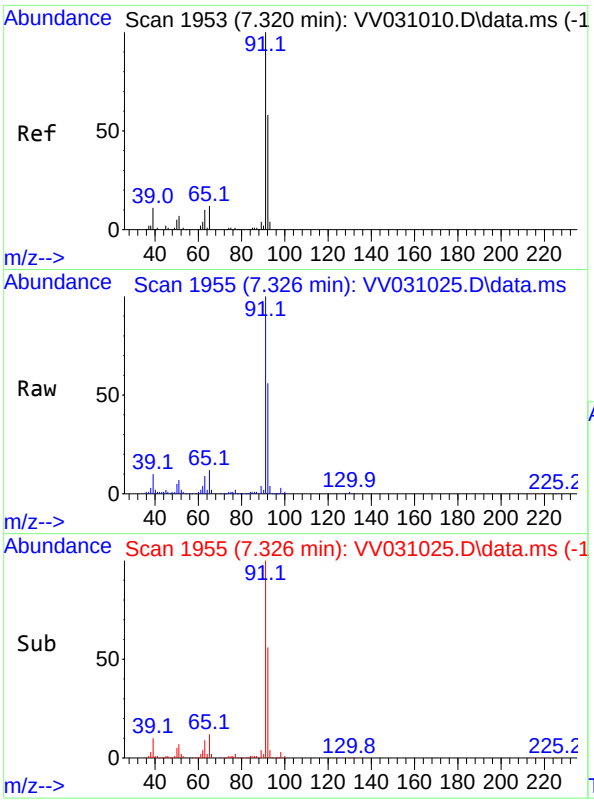


#37
1,2-Dichloropropane
Concen: 1.140 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion: 63 Resp: 8318

Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.8	5.8#



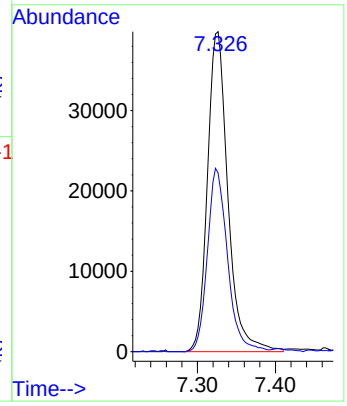


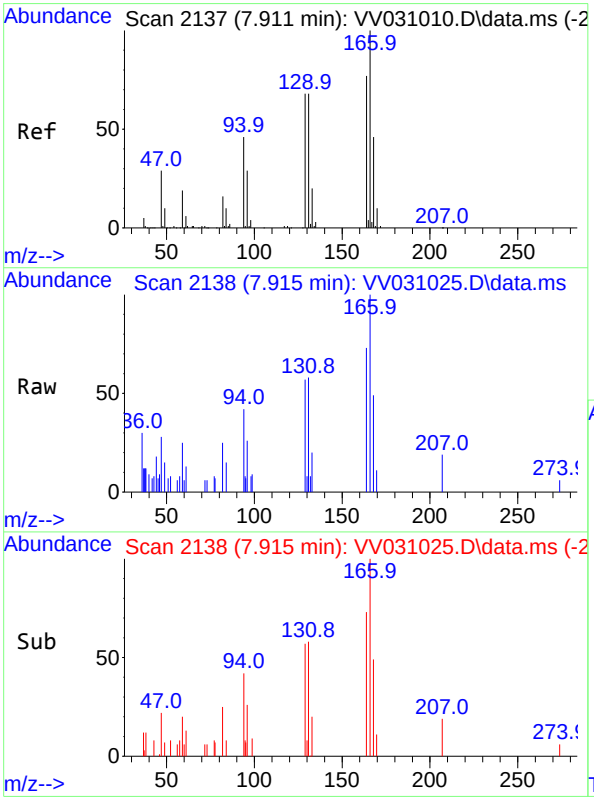
#42
Toluene
Concen: 2.192 ug/L
RT: 7.326 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 91 Resp: 72617

Ion	Ratio	Lower	Upper
91	100		
92	55.8	40.5	75.1

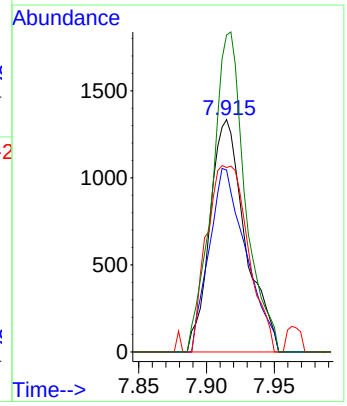


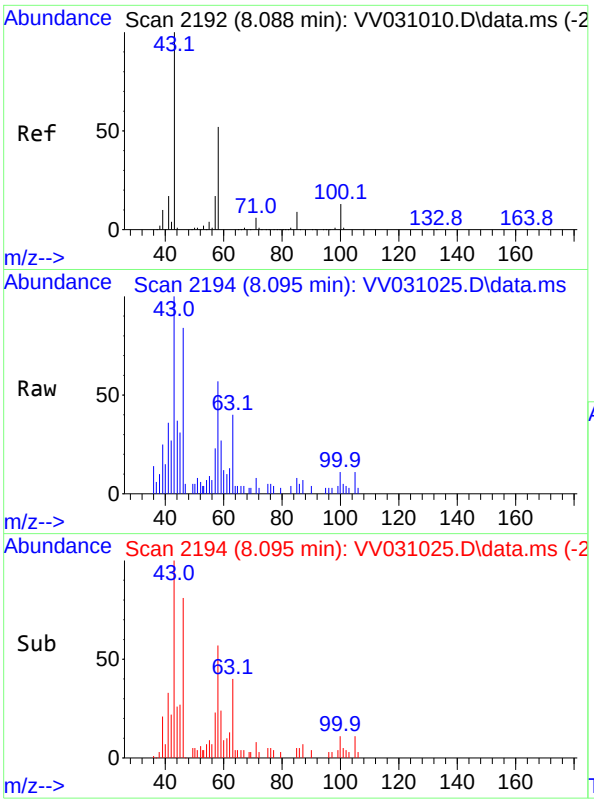


#47
Tetrachloroethene
Concen: 0.310 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion:164 Resp: 2427

Ion	Ratio	Lower	Upper
164	100		
129	78.3	60.5	112.3
131	79.5	60.8	112.8
166	136.5	85.9	159.5



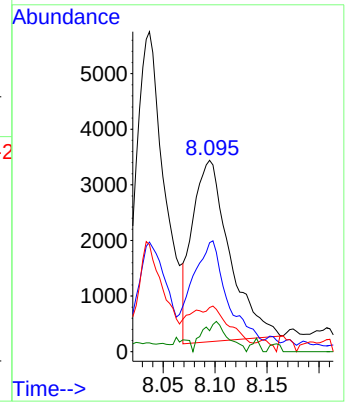


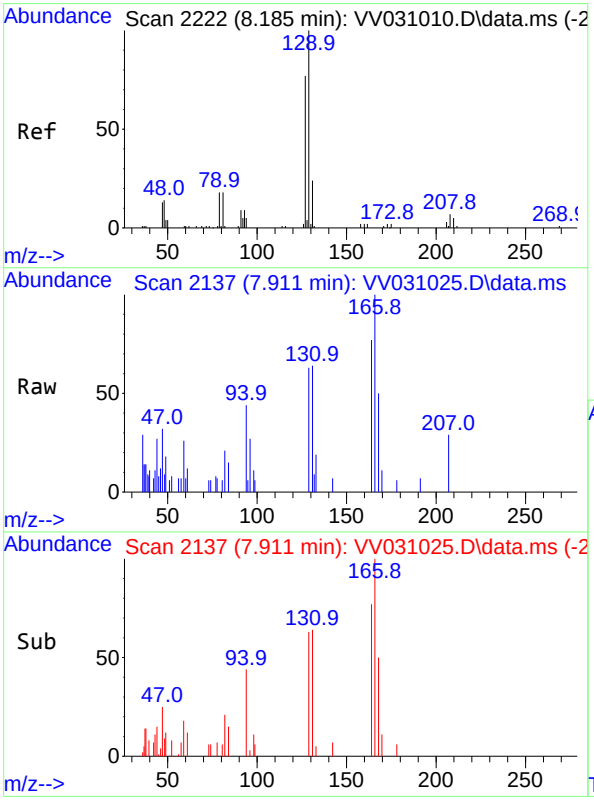
#48
2-Hexanone
Concen: 2.806 ug/L
RT: 8.095 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 43 Resp: 8138

Ion	Ratio	Lower	Upper
43	100		
58	62.2	39.9	59.9#
57	14.2	14.1	21.1
100	11.1	9.7	14.5

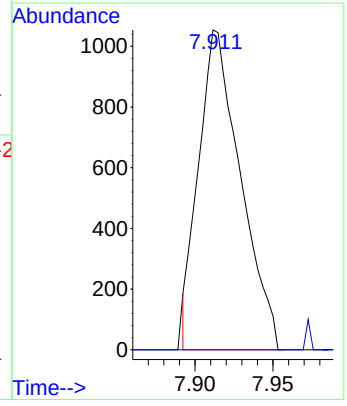


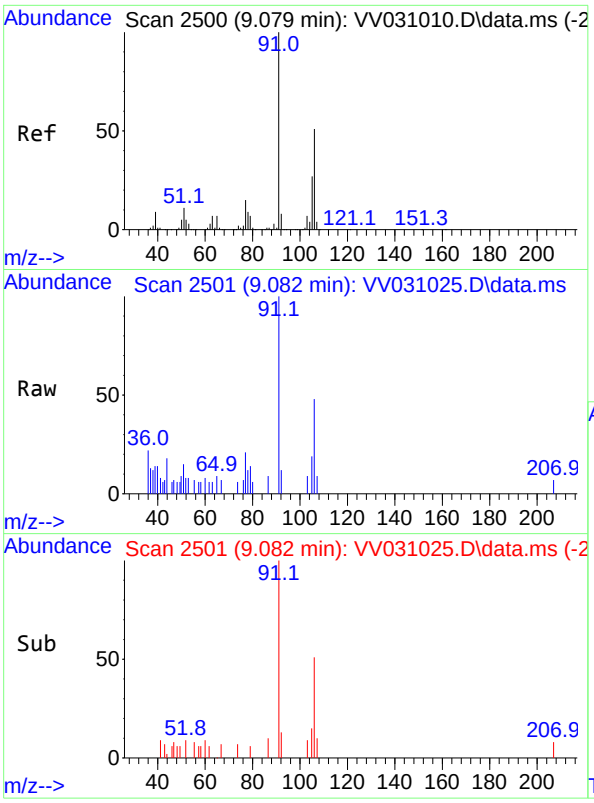


#49
Dibromochloromethane
Concen: 0.289 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion:129 Resp: 1969

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#



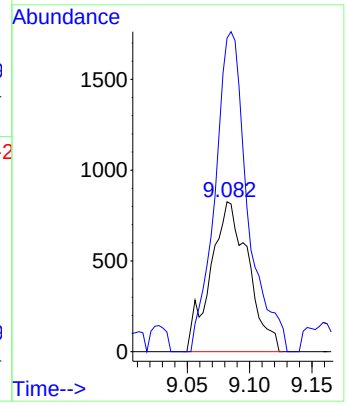


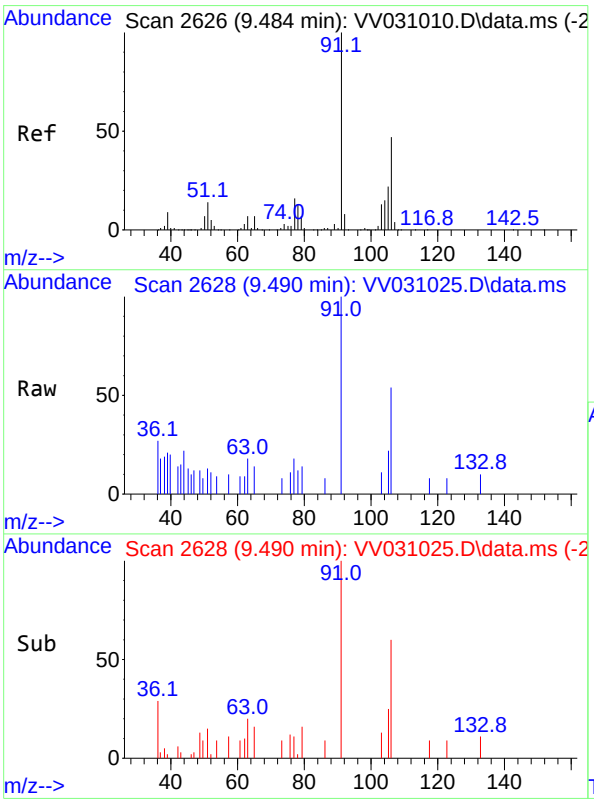
#53
m,p-Xylene
Concen: 0.121 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion:106 Resp: 1742

Ion	Ratio	Lower	Upper
106	100		
91	209.2	138.7	257.5

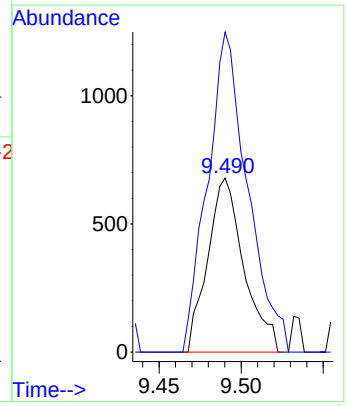


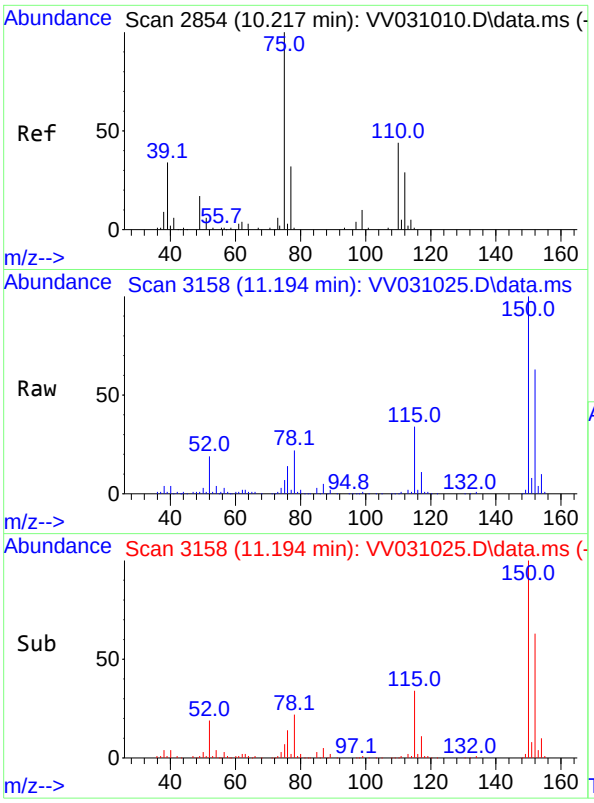


#54
o-Xylene
Concen: 0.076 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.007 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion:106 Resp: 1042

Ion	Ratio	Lower	Upper
106	100		
91	183.9	145.1	269.5



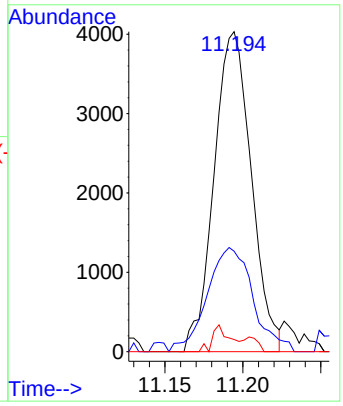


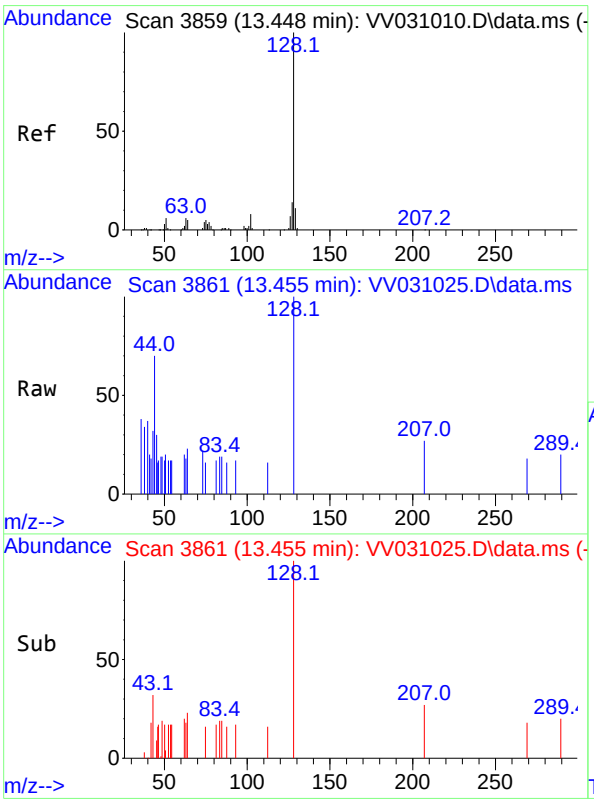
#61
1,2,3-Trichloropropane
Concen: 1.744 ug/L
RT: 11.194 min Scan# 3
Delta R.T. 0.978 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Instrument :
MSVOA_V
ClientSampleId :
C0NY1

Tgt Ion: 75 Resp: 6710

Ion	Ratio	Lower	Upper
75	100		
77	40.0	25.3	37.9#
110	3.9	34.0	51.0#





#71
Naphthalene
Concen: 0.069 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.007 min
Lab File: VV031025.D
Acq: 15 May 2023 12:36

Tgt Ion:128 Resp: 1027

Ion	Ratio	Lower	Upper
128	100		
129	7.4	8.6	13.0#
127	1.9	10.6	16.0#