Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071822\
Data File : VV026813.D
Acq On : 18 Jul 2022 16:03
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK276

Quant Time: Jul 19 03:11:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	259656	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	89313	3.770	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.400%			
7) Chloroethane-d5	1.564	69	84244	4.116	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.400%			
11) 1,1-Dichloroethene-d2	2.101	63	120559	2.651	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.000%#			
20) 2-Butanone-d5	3.889	46	193158	52.246	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.500%			
24) Chloroform-d	4.346	84	182955	4.417	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.030	65	84836	4.688	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.800%			
32) Benzene-d6	5.047	84	334028	4.273	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.400%			
36) 1,2-Dichloropropane-d6	6.069	67	111115	4.741	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.317	98	247751	3.570	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.400%			
43) trans-1,3-Dichloroprop...	7.625	79	31180	4.066	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.400%			
46) 2-Hexanone-d5	8.088	63	152103	45.813	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.620%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	84345	4.619	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	92226	5.010	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1940	0.061	ug/L	89
6) Bromomethane	1.519	94	977	0.051	ug/L	86
16) Methylene chloride	2.503	84	23055	0.850	ug/L	97
25) Chloroform	4.381	83	3336	0.083	ug/L	90
35) Methylcyclohexane	6.069	83	27135	0.841	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	11779	0.573	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1992	0.078	ug/L #	42
61) 1,2,3-Trichloropropane	11.246	75	12704	1.304	ug/L #	64
71) Naphthalene	13.516	128	2092	0.073	ug/L #	93

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

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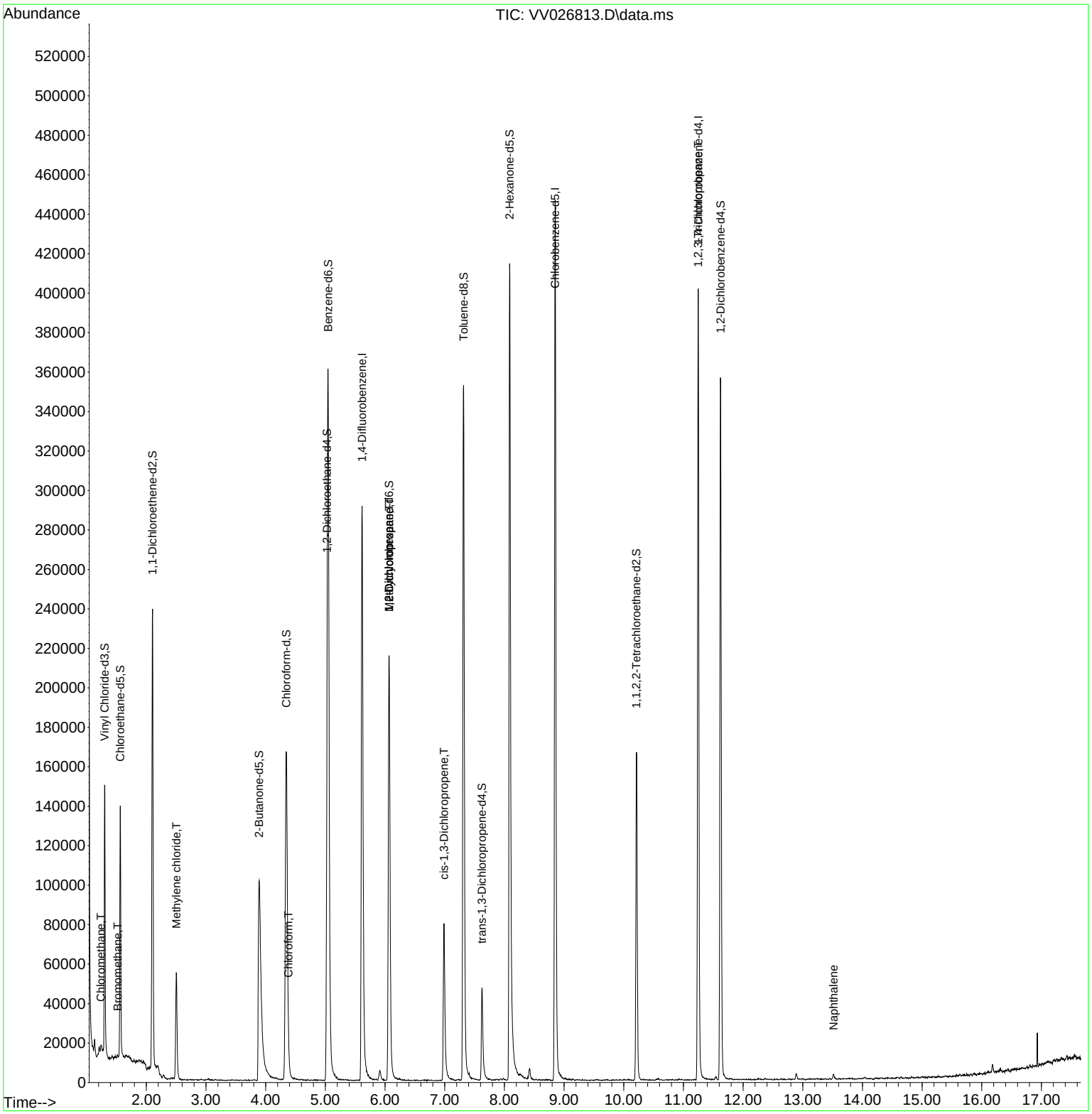
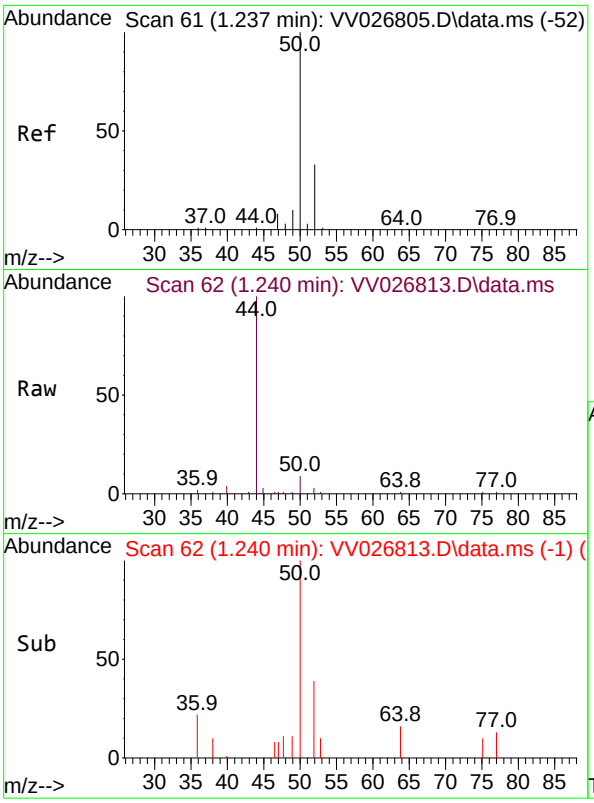
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration



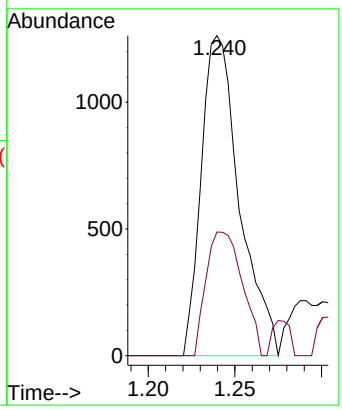


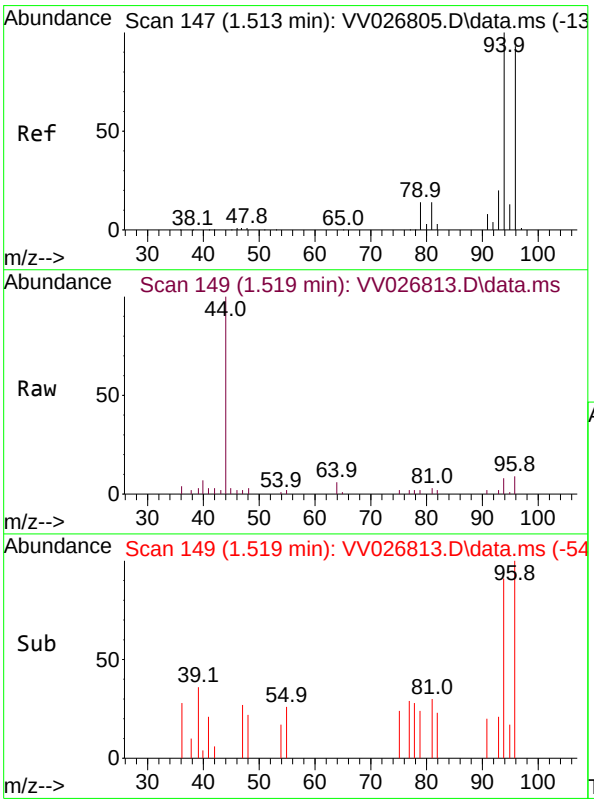
#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
VIBLK276

Tgt Ion: 50 Resp: 1940

Ion	Ratio	Lower	Upper
50	100		
52	38.6	22.8	42.4

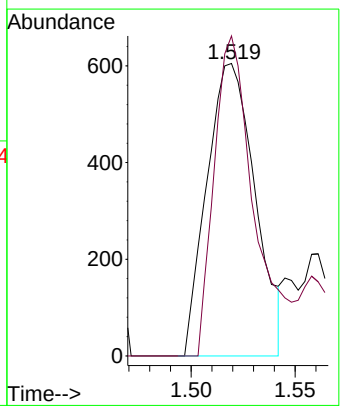


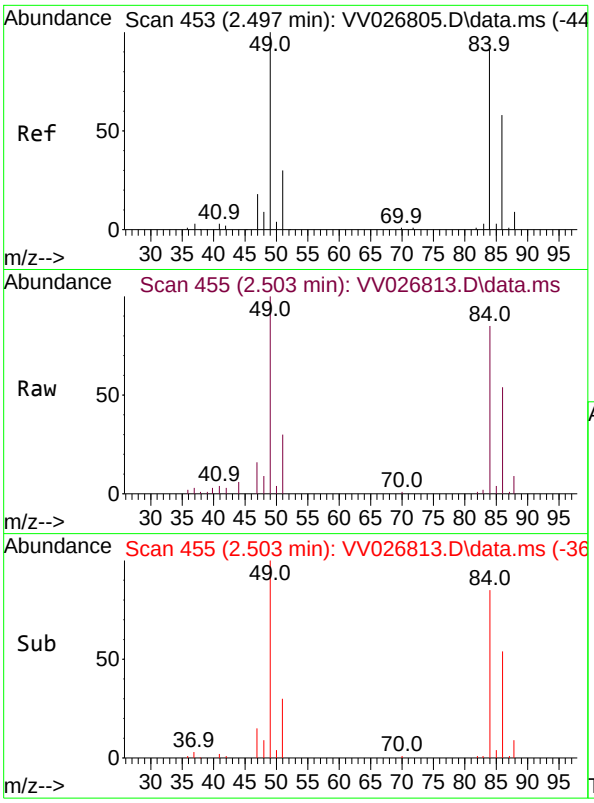


#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.006 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 94 Resp: 977

Ion	Ratio	Lower	Upper
94	100		
96	109.4	67.1	124.7



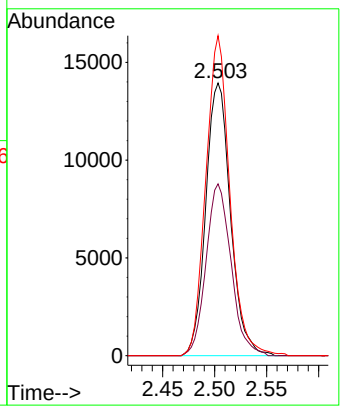


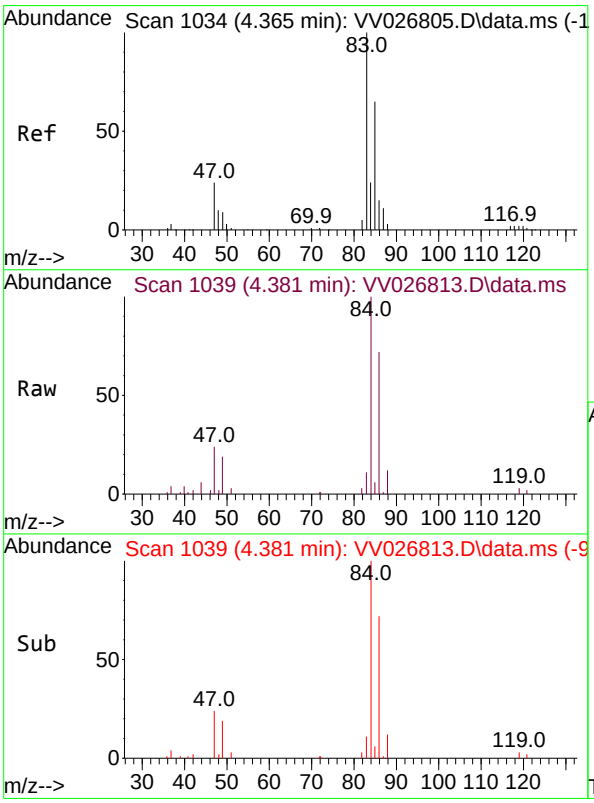
#16
Methylene chloride
Concen: 0.850 ug/L
RT: 2.503 min Scan# 4
Delta R.T. 0.006 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
VIBLK276

Tgt Ion: 84 Resp: 23055

Ion	Ratio	Lower	Upper
84	100		
86	63.1	44.8	83.2
49	117.4	78.7	146.1

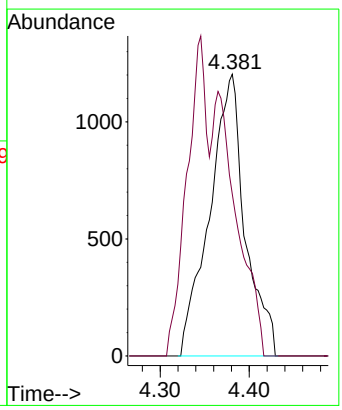


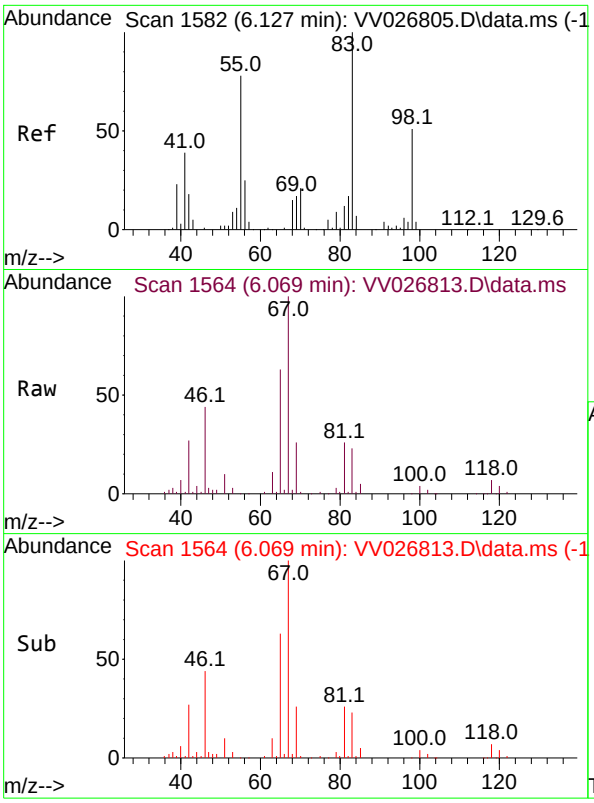


#25
Chloroform
Concen: 0.083 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.016 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 83 Resp: 3336

Ion	Ratio	Lower	Upper
83	100		
85	57.5	45.7	84.9



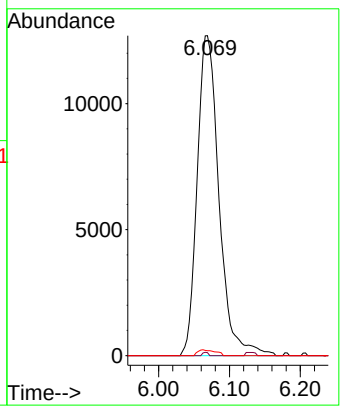


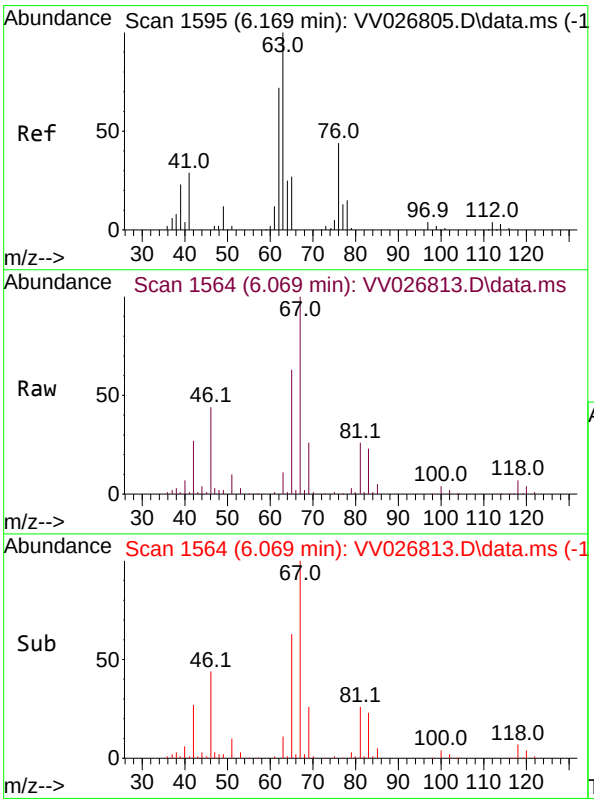
#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.069 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
VIBLK276

Tgt Ion: 83 Resp: 27135

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.5	89.3#
98	1.5	38.3	57.5#

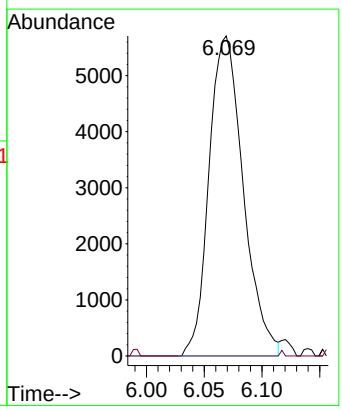


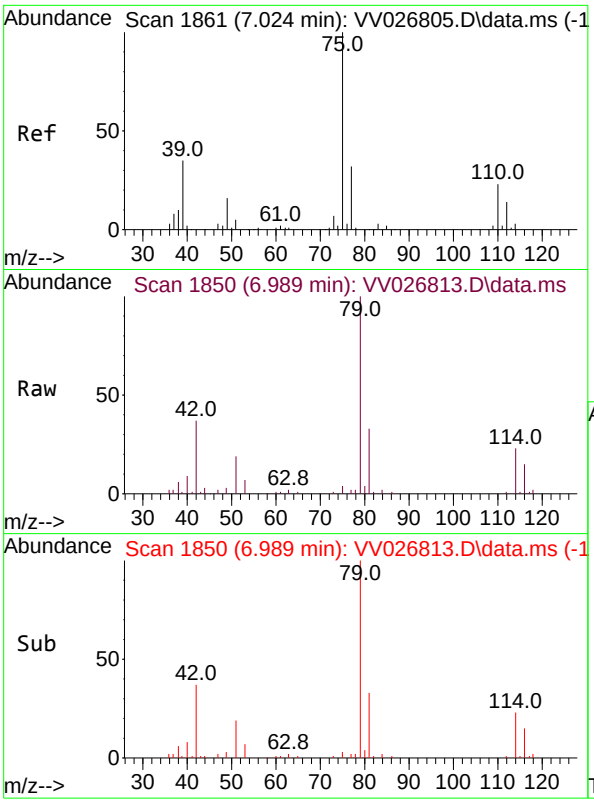


#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 63 Resp: 11779

Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.2	6.2#



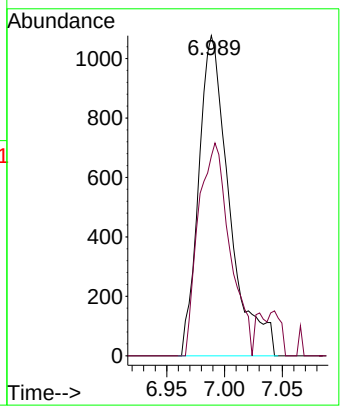


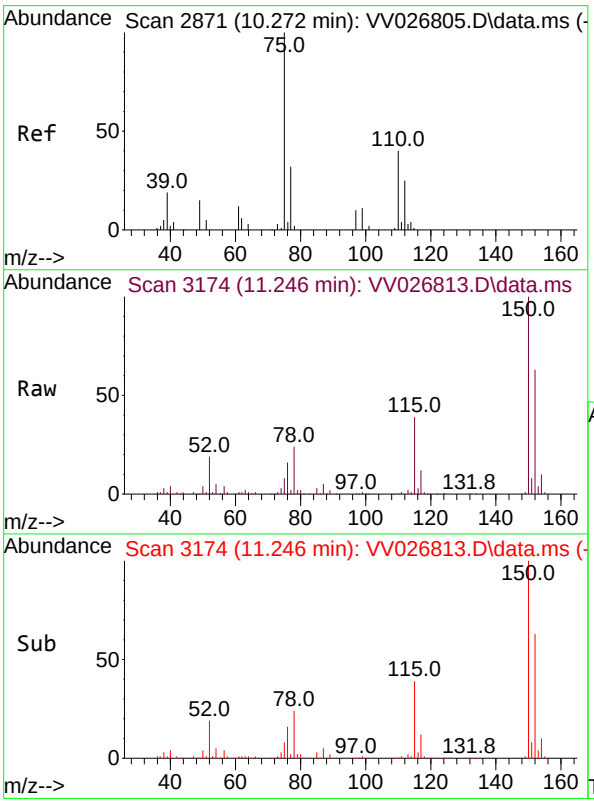
#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 6.989 min Scan# 1
Delta R.T. -0.036 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
VIBLK276

Tgt Ion: 75 Resp: 1992

Ion	Ratio	Lower	Upper
75	100		
77	62.3	21.4	39.8#

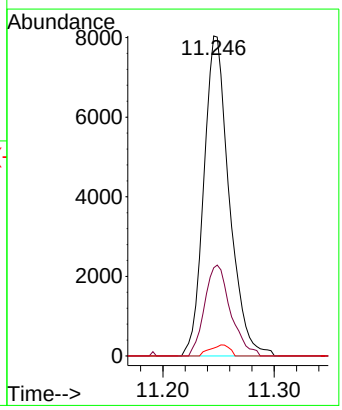


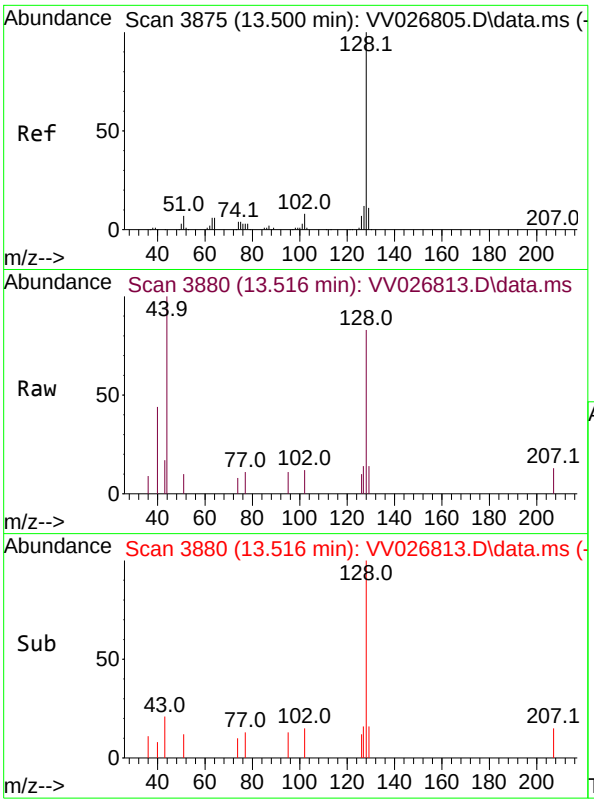


#61
1,2,3-Trichloropropane
Concen: 1.304 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 75 Resp: 12704

Ion	Ratio	Lower	Upper
75	100		
77	29.1	25.4	38.0
110	2.7	31.8	47.6#





#71
Naphthalene
Concen: 0.073 ug/L
RT: 13.516 min Scan# 3
Delta R.T. 0.016 min
Lab File: VV026813.D
Acq: 18 Jul 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
VIBLK276

Tgt Ion:128 Resp: 2092

Ion	Ratio	Lower	Upper
128	100		
129	7.6	8.4	12.6#
127	10.8	10.7	16.1