Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
Data File : VV031028.D
Acq On : 15 May 2023 16:06
Operator : SY/MD
Sample : 02767-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 16 00:16:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 16 00:10:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	115450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	112738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	42187	4.435	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.800%			
7) Chloroethane-d5	1.536	69	41736	5.379	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.600%			
11) 1,1-Dichloroethene-d2	2.063	65	23589	4.686	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.800%			
20) 2-Butanone-d5	3.822	46	102663	60.865	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.720%			
24) Chloroform-d	4.256	84	102705	5.433	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.600%			
26) 1,2-Dichloroethane-d4	4.953	65	53522	5.569	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.400%			
32) Benzene-d6	4.966	84	173191	5.241	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.800%			
36) 1,2-Dichloropropane-d6	5.998	67	50701	5.276	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.600%			
41) Toluene-d8	7.249	98	144096	4.579	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	7.564	79	17152	4.762	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.200%			
46) 2-Hexanone-d5	8.034	63	68789	54.508	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.020%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	39241	5.634	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.600%			
66) 1,2-Dichlorobenzene-d4	11.567	152	59960	5.696	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.000%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3160	0.295	ug/L	93
6) Bromomethane	1.497	94	685	0.161	ug/L	99
13) Acetone	2.153	43	4937	3.427	ug/L	90
16) Methylene chloride	2.455	84	6890	0.784	ug/L	86
22) cis-1,2-Dichloroethene	3.825	96	1081	0.144	ug/L #	73
34) Trichloroethene	5.847	95	4120	0.545	ug/L	84
35) Methylcyclohexane	5.995	83	13820	1.180	ug/L #	19
44) trans-1,3-Dichloropropene	7.564	75	952	0.111	ug/L #	51
48) 2-Hexanone	8.092	43	10190	3.812	ug/L	96
61) 1,2,3-Trichloropropane	11.194	75	5640	1.590	ug/L #	56
71) Naphthalene	13.458	128	876	0.064	ug/L #	78

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

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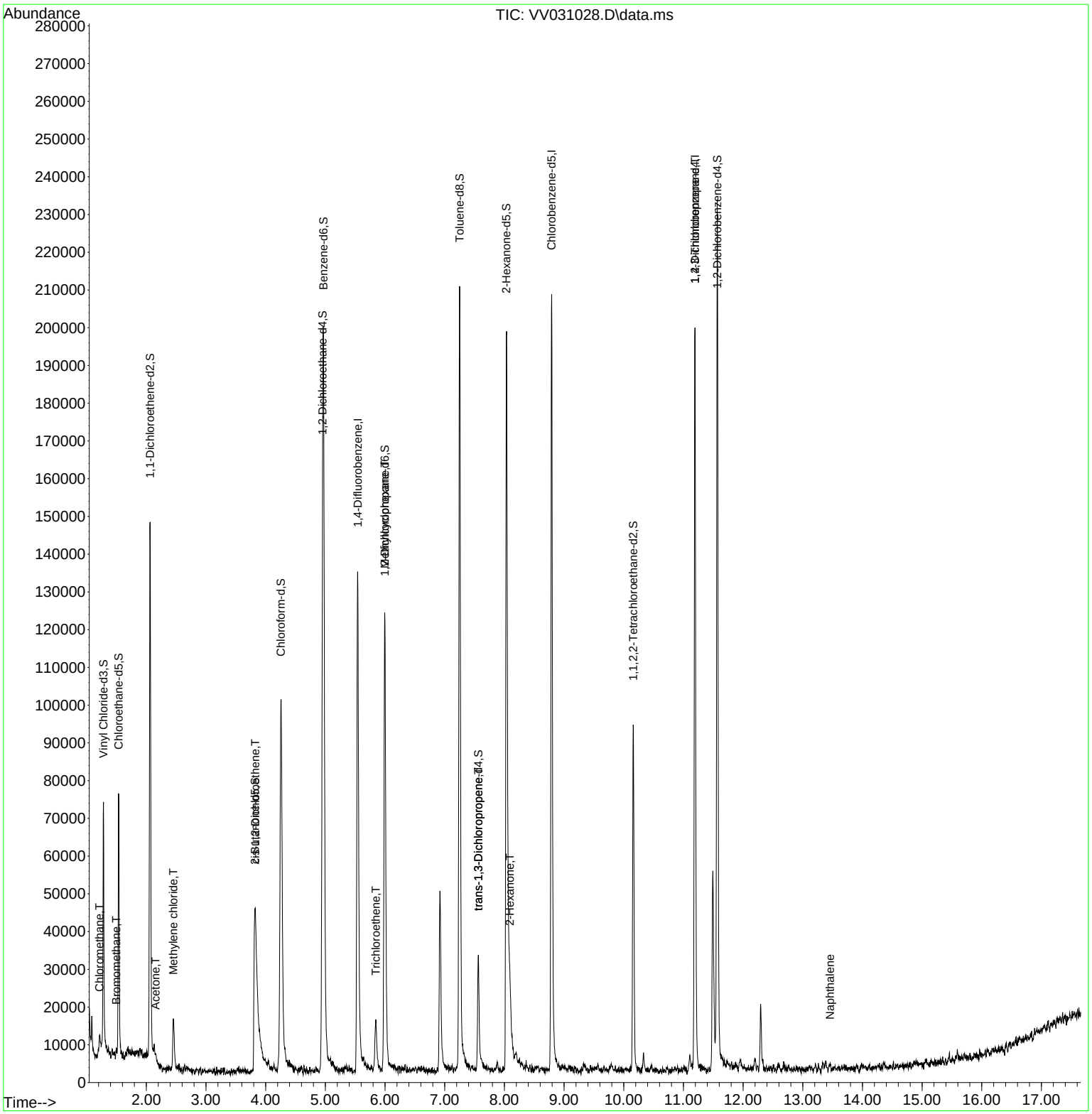
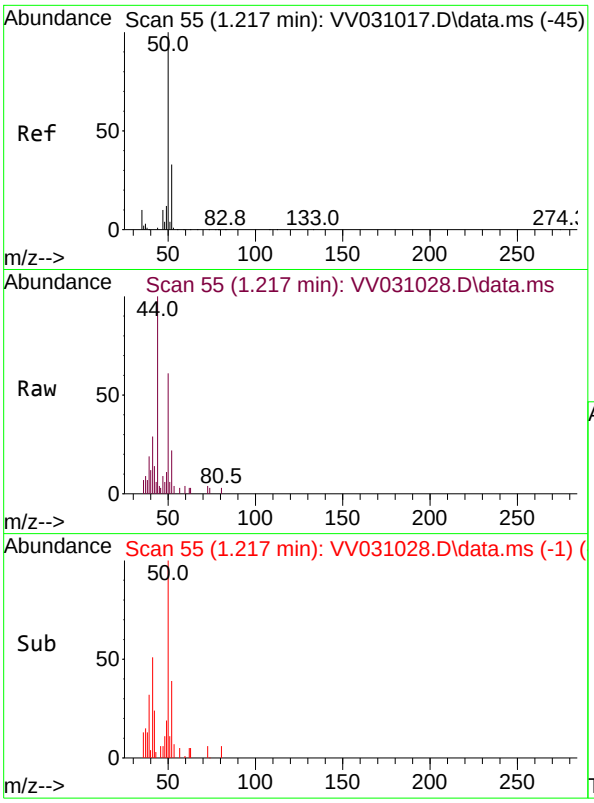
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 16 00:16:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 16 00:10:06 2023
Response via : Initial Calibration



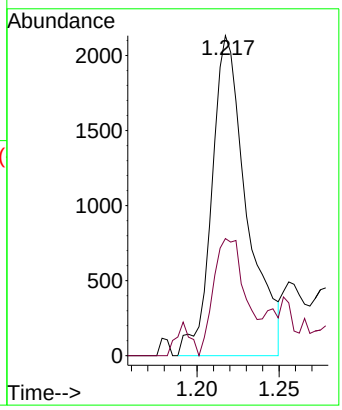


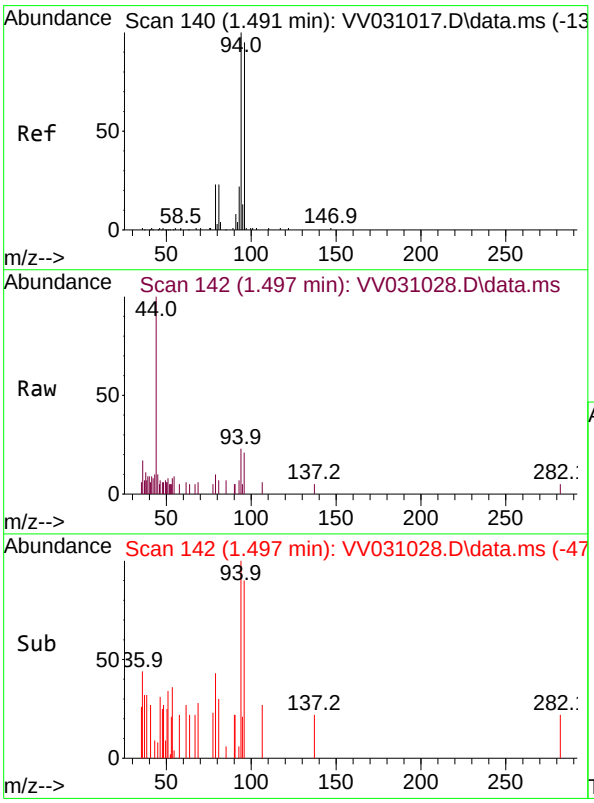
#3
Chloromethane
Concen: 0.295 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 3160

Ion	Ratio	Lower	Upper
50	100		
52	36.6	22.8	42.4

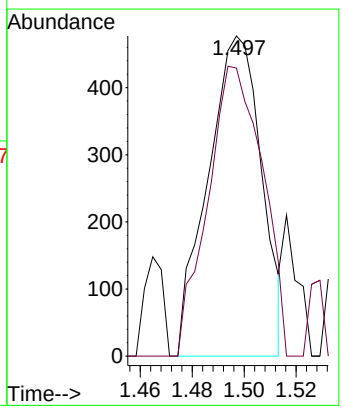


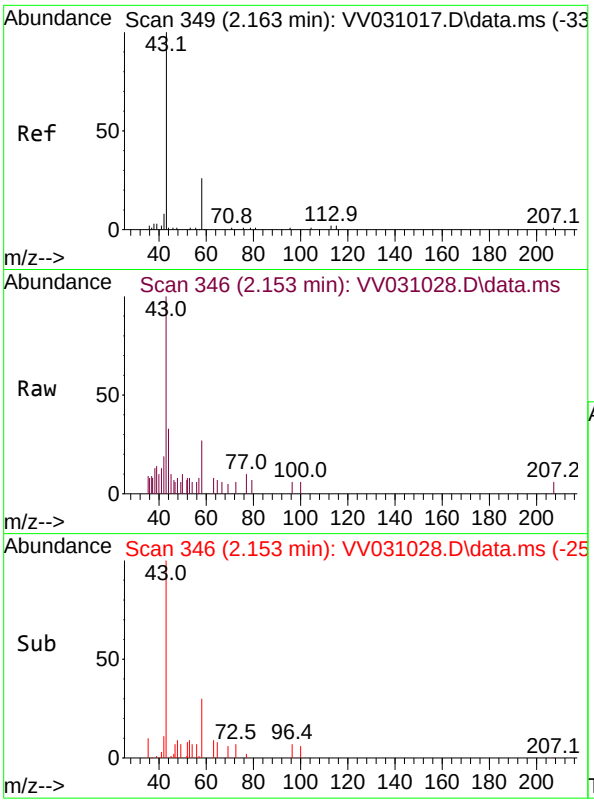


#6
Bromomethane
Concen: 0.161 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Tgt Ion: 94 Resp: 685

Ion	Ratio	Lower	Upper
94	100		
96	89.9	63.4	117.8



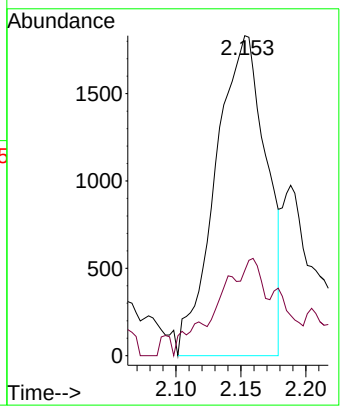


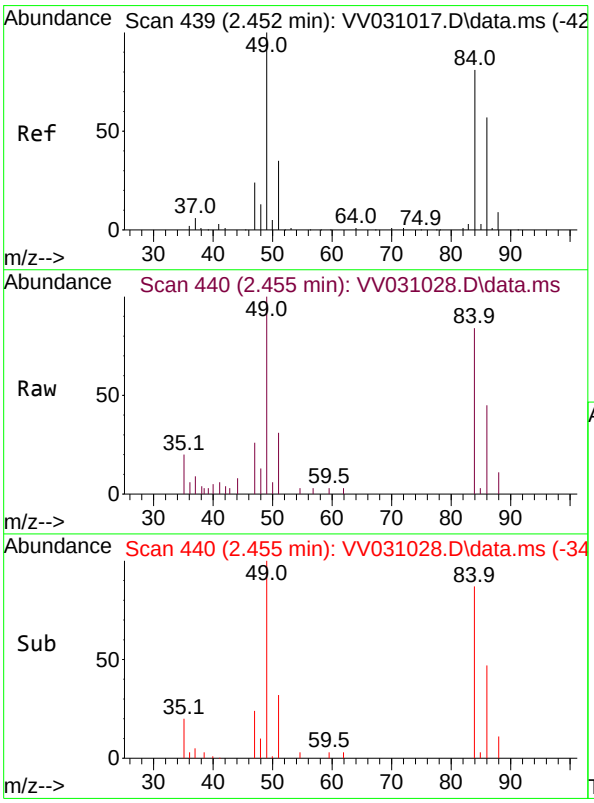
#13
Acetone
Concen: 3.427 ug/L
RT: 2.153 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 4937

Ion	Ratio	Lower	Upper
43	100		
58	14.1	0.0	37.0

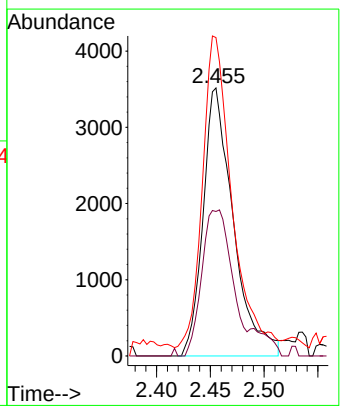


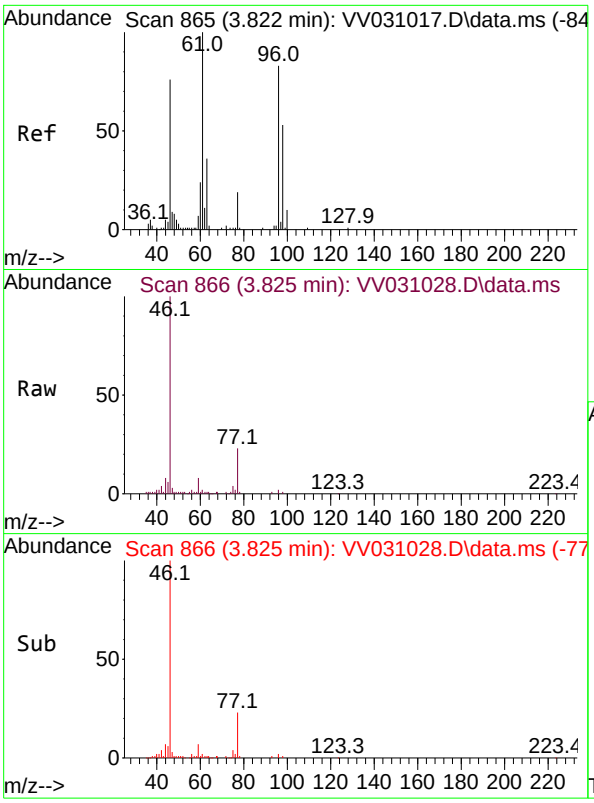


#16
Methylene chloride
Concen: 0.784 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Tgt Ion: 84 Resp: 6890

Ion	Ratio	Lower	Upper
84	100		
86	53.9	46.1	85.5
49	118.8	94.3	175.1



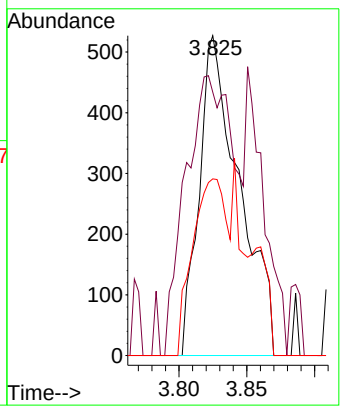


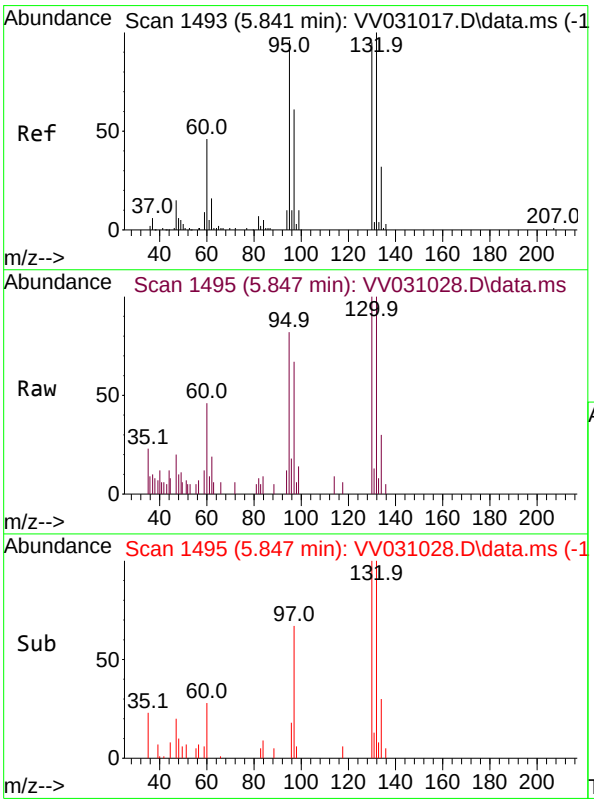
#22
cis-1,2-Dichloroethene
Concen: 0.144 ug/L
RT: 3.825 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1081

Ion	Ratio	Lower	Upper
96	100		
61	82.4	86.0	159.6#
98	55.2	43.2	80.2

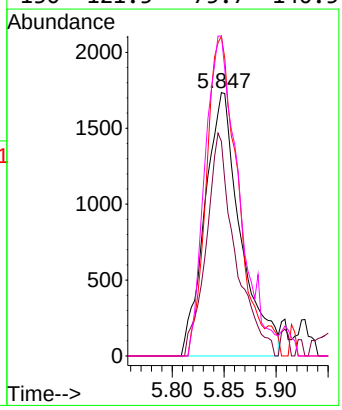


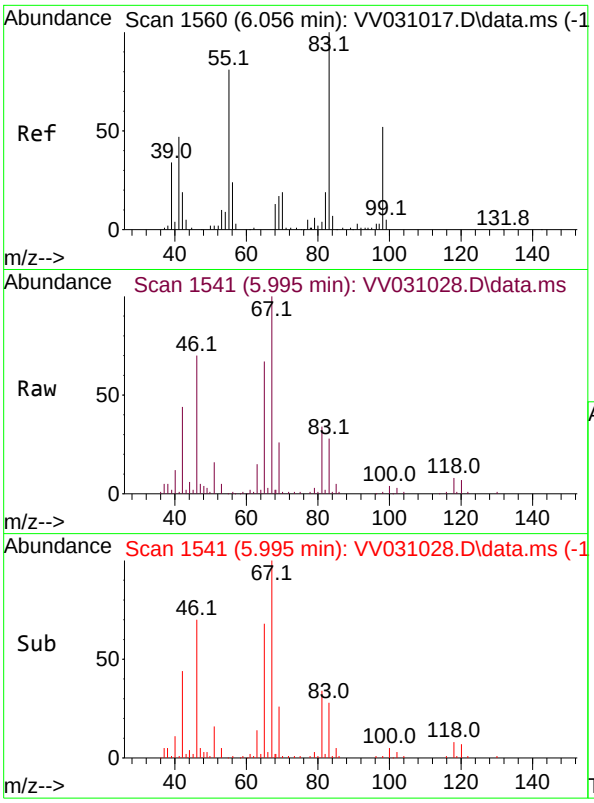


#34
Trichloroethene
Concen: 0.545 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Tgt Ion: 95 Resp: 4120

Ion	Ratio	Lower	Upper
95	100		
97	81.4	46.2	85.8
132	121.4	72.7	135.1
130	121.5	75.7	140.5



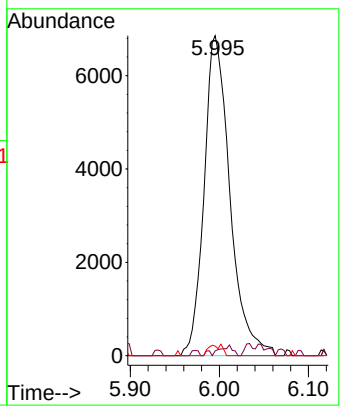


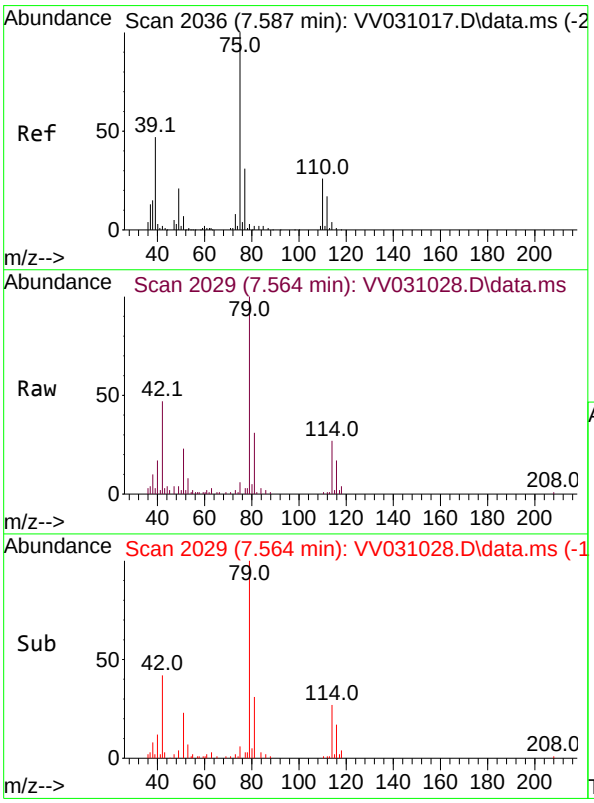
#35
Methylcyclohexane
Concen: 1.180 ug/L
RT: 5.995 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13820

Ion	Ratio	Lower	Upper
83	100		
55	1.6	62.9	94.3#
98	1.8	40.5	60.7#

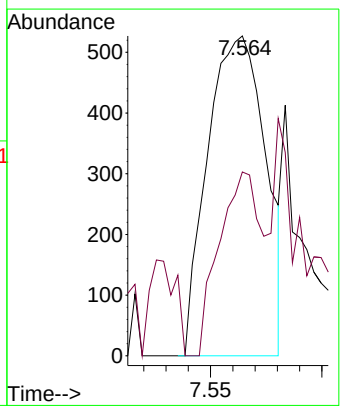


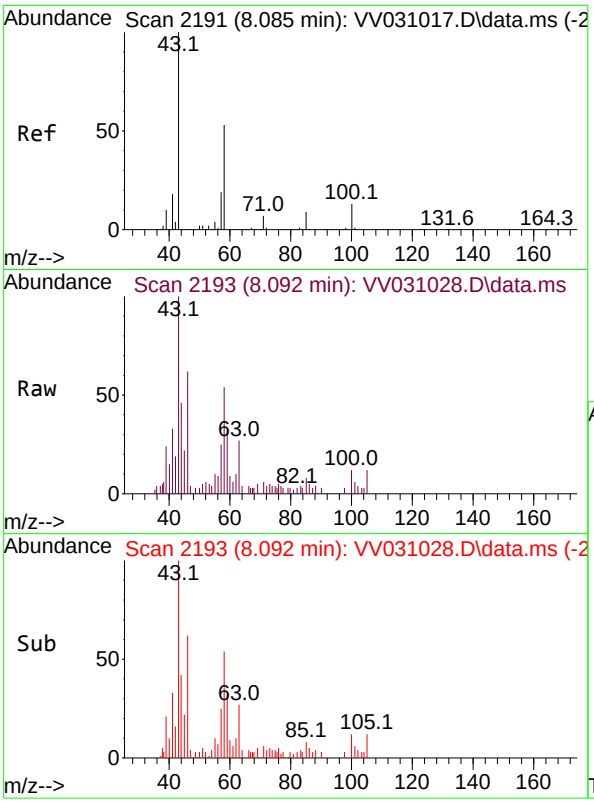


#44
trans-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.564 min Scan# 2029
Delta R.T. -0.022 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Tgt Ion: 75 Resp: 952

Ion	Ratio	Lower	Upper
75	100		
77	57.5	21.6	40.0#



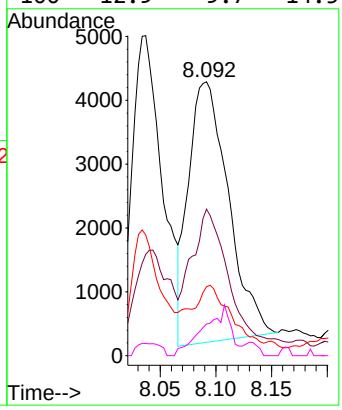


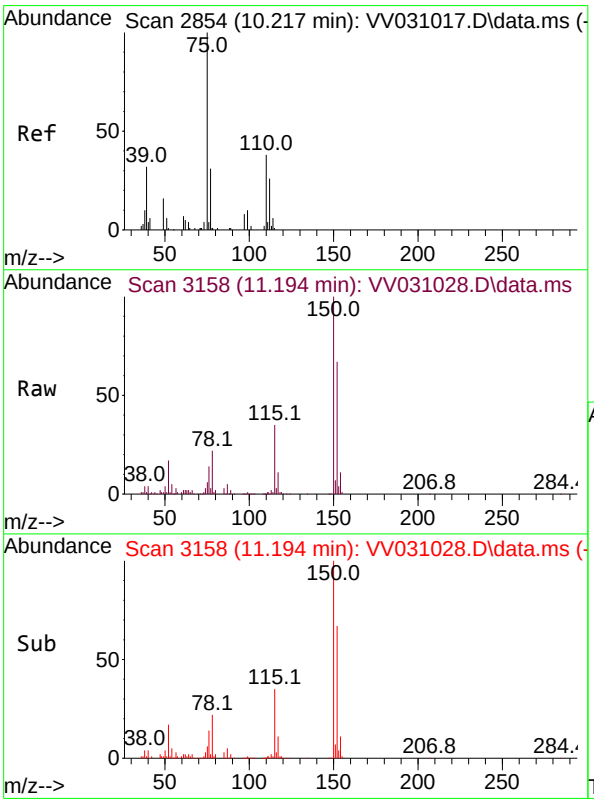
#48
2-Hexanone
Concen: 3.812 ug/L
RT: 8.092 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 10190

Ion	Ratio	Lower	Upper
43	100		
58	53.4	39.9	59.9
57	18.4	14.1	21.1
100	12.9	9.7	14.5

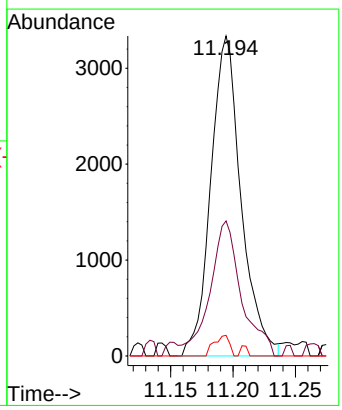


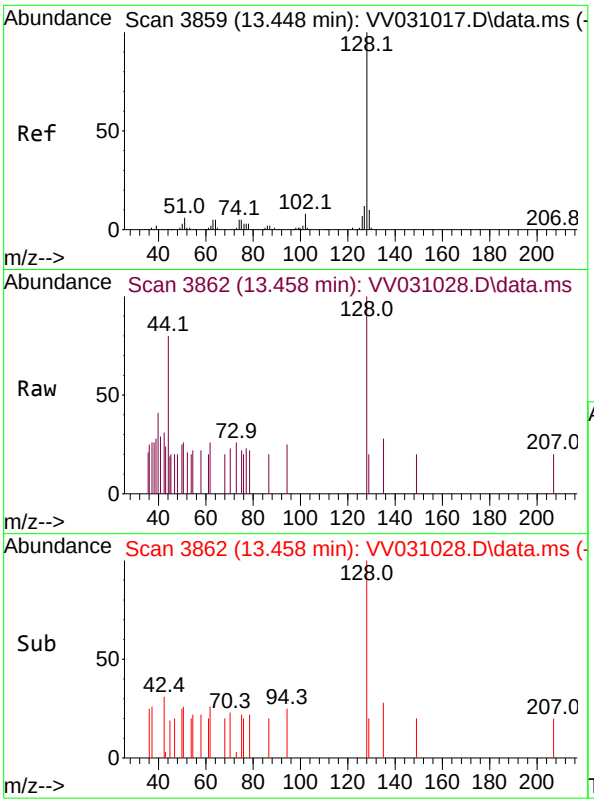


#61
1,2,3-Trichloropropane
Concen: 1.590 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Tgt Ion: 75 Resp: 5640

Ion	Ratio	Lower	Upper
75	100		
77	43.4	25.3	37.9#
110	3.3	34.0	51.0#





#71
Naphthalene
Concen: 0.064 ug/L
RT: 13.458 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 876

Ion	Ratio	Lower	Upper
128	100		
129	4.9	8.6	13.0#
127	2.6	10.6	16.0#