Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028964.D
Acq On : 15 Nov 2022 02:10
Operator : SY/MD
Sample : N5604-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Quant Time: Nov 15 05:37:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	272084	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	252362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	126911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62610	3.775	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.400%			
7) Chloroethane-d5	1.568	69	63640	4.364	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.108	63	90019	2.978	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.600%#			
20) 2-Butanone-d5	3.886	46	177304	63.854	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.700%			
24) Chloroform-d	4.342	84	161066	4.729	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	5.027	65	77694	5.071	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.400%			
32) Benzene-d6	5.047	84	331854	4.406	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	6.066	67	99661	4.738	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.310	98	293464	4.328	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.600%			
43) trans-1,3-Dichloroprop...	7.622	79	26632	3.882	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.600%			
46) 2-Hexanone-d5	8.085	63	142999	48.834	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.660%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	73056	5.010	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	111097	4.893	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	297014	13.833	ug/L	96
8) Chloroethane	1.404	64	335266	26.572	ug/L #	52
12) 1,1-Dichloroethene	2.114	96	1383	0.084	ug/L #	1
14) Carbon disulfide	2.294	76	4086	0.070	ug/L #	92
17) Methyl tert-butyl Ether	2.764	73	397197	11.248	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	6950	0.364	ug/L	92
19) 1,1-Dichloroethane	3.191	63	10021	0.321	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	229245	11.804	ug/L	95
33) Benzene	5.104	78	11670	0.151	ug/L	100
35) Methylcyclohexane	6.066	83	24564	0.708	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	10653	0.599	ug/L #	85
38) Bromodichloromethane	6.564	83	965	0.043	ug/L #	24
39) cis-1,3-Dichloropropene	6.985	75	1794	0.072	ug/L #	69
61) 1,2,3-Trichloropropane	10.374	75	1474	0.170	ug/L #	67

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

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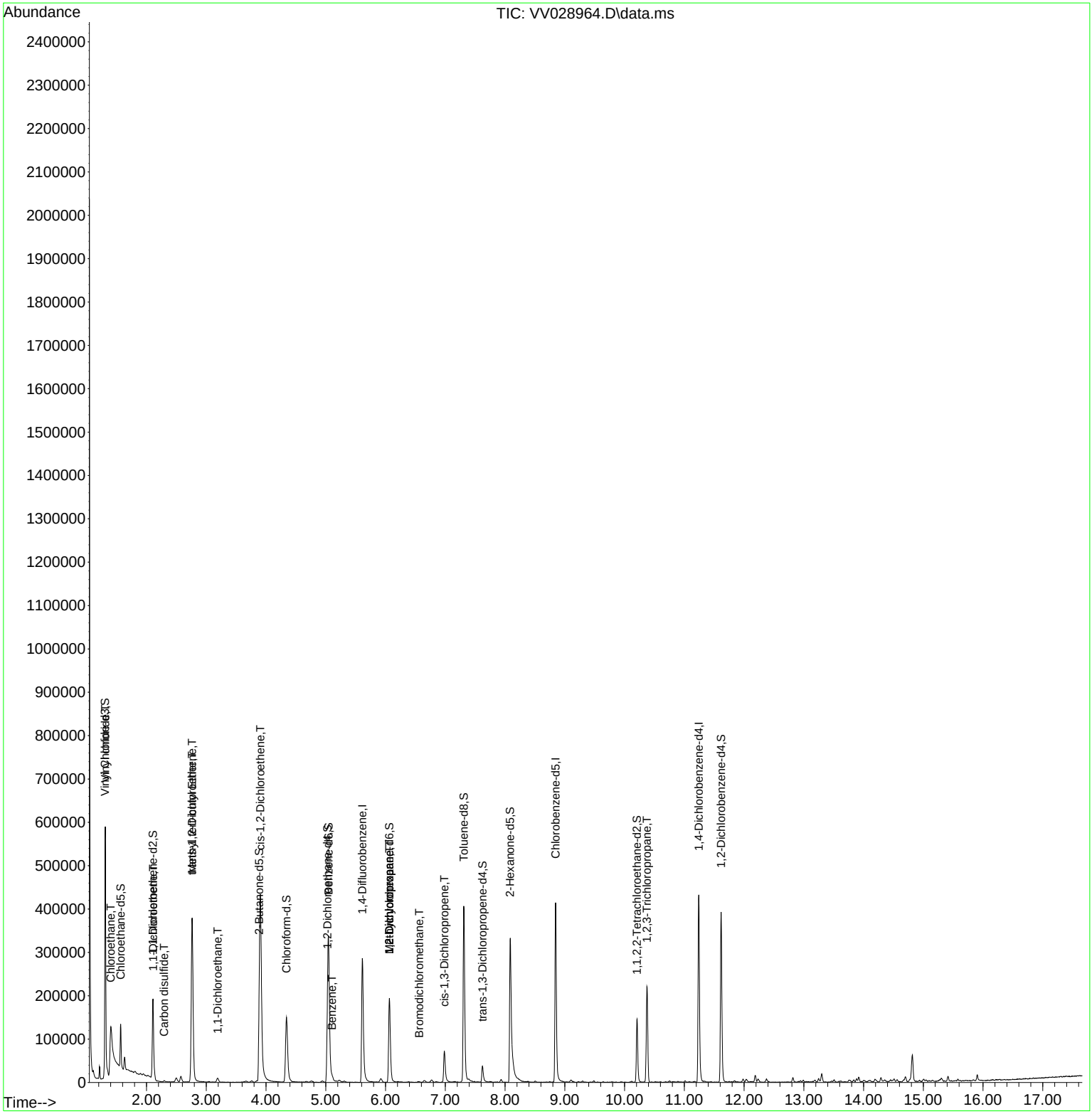
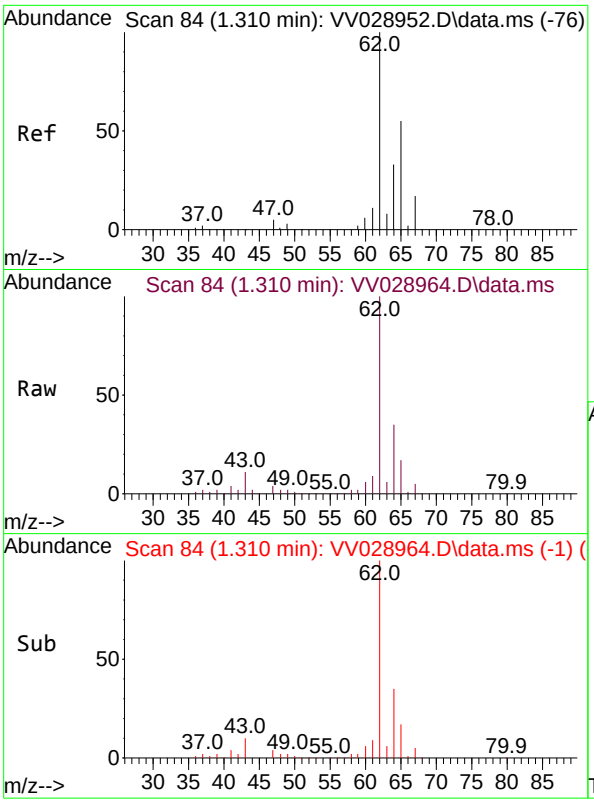
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration



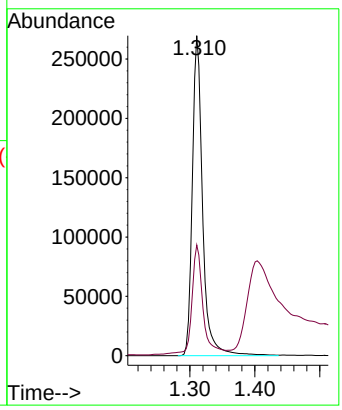


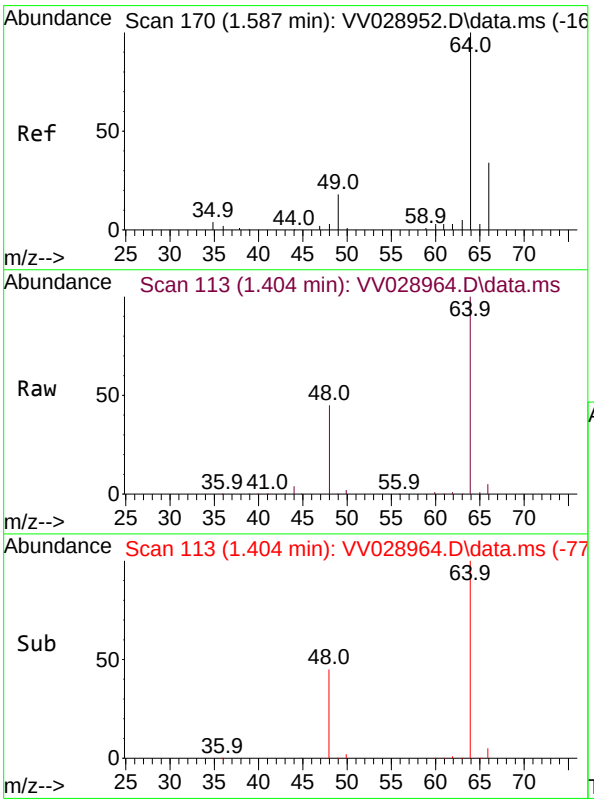
#5
Vinyl chloride
Concen: 13.833 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 62 Resp: 297014

Ion	Ratio	Lower	Upper
62	100		
64	34.6	22.8	42.4

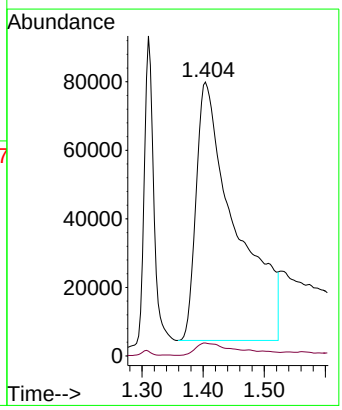


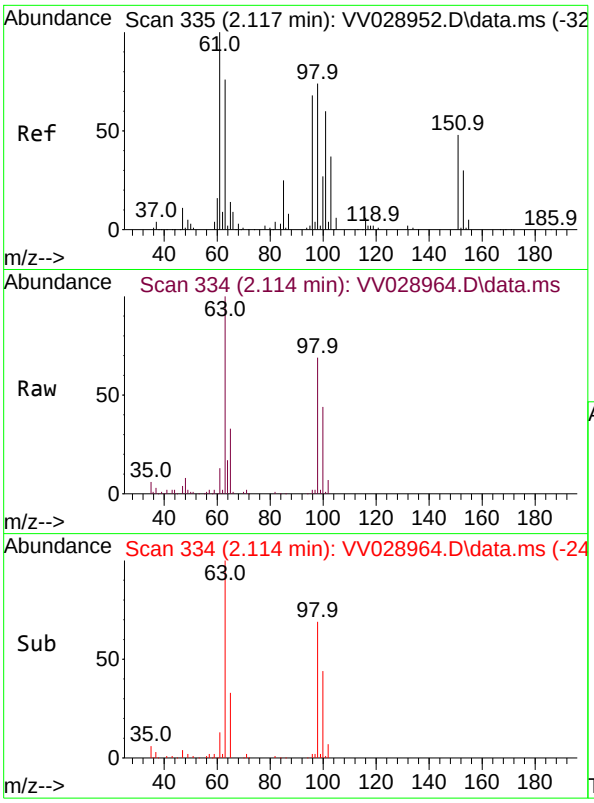


#8
Chloroethane
Concen: 26.572 ug/L
RT: 1.404 min Scan# 113
Delta R.T. -0.183 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Tgt Ion: 64 Resp: 335266

Ion	Ratio	Lower	Upper
64	100		
66	4.7	22.0	40.8#



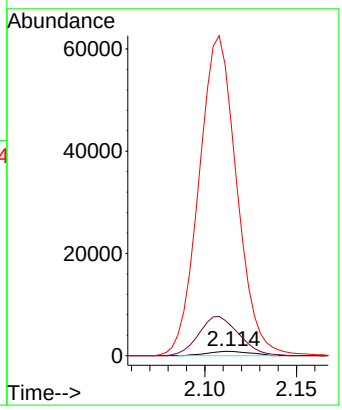


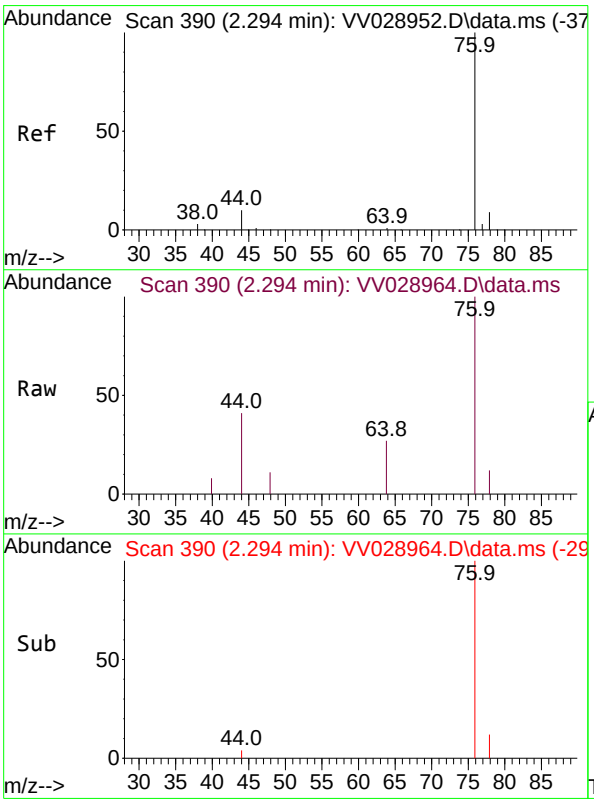
#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 96 Resp: 1383

Ion	Ratio	Lower	Upper
96	100		
61	686.8	104.2	193.4#
63	5367.4	75.9	140.9#

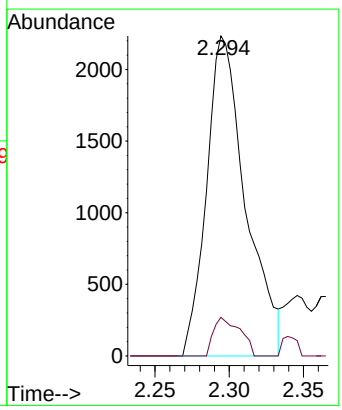


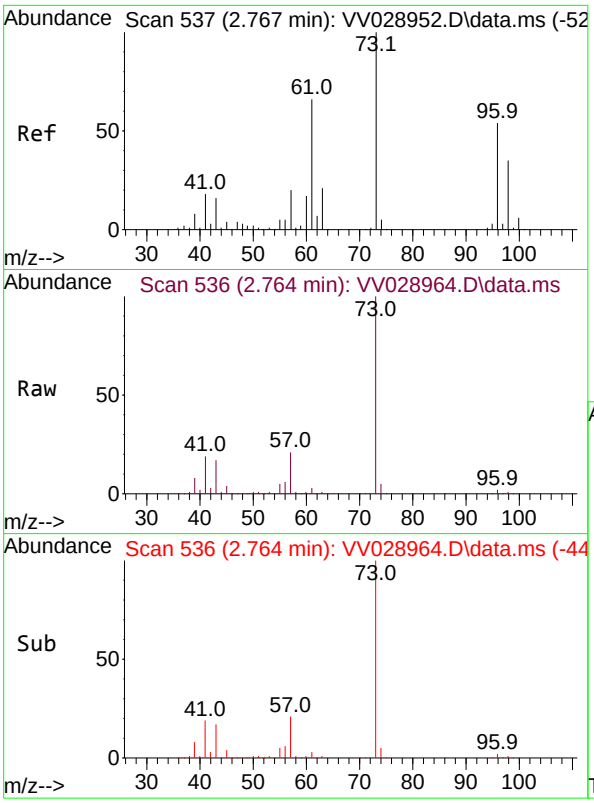


#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Tgt Ion: 76 Resp: 4086

Ion	Ratio	Lower	Upper
76	100		
78	12.0	7.4	11.2#



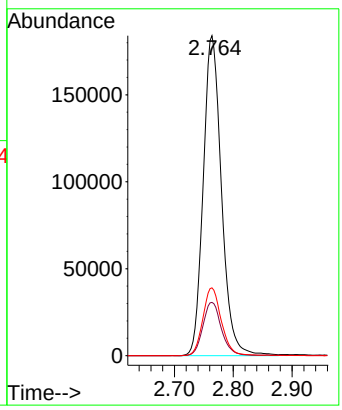


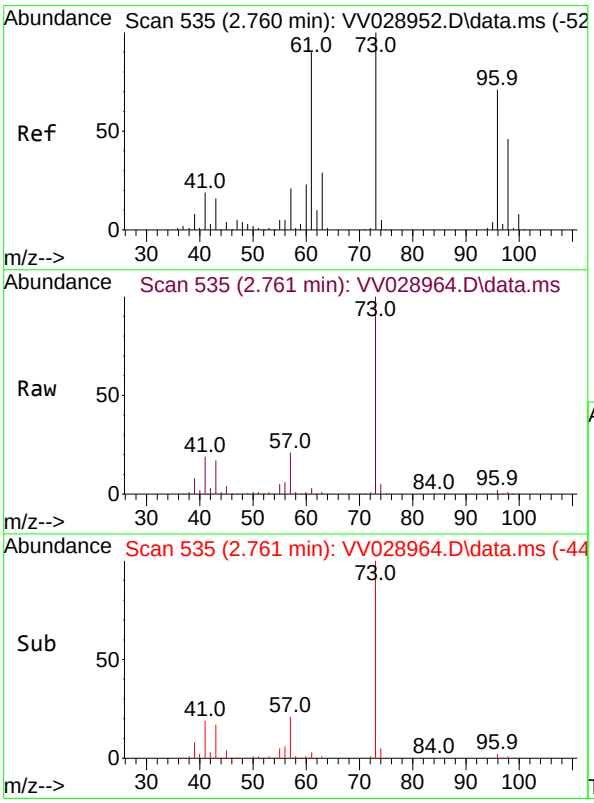
#17
Methyl tert-butyl Ether
Concen: 11.248 ug/L
RT: 2.764 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 73 Resp: 397197

Ion	Ratio	Lower	Upper
73	100		
43	16.9	13.0	19.4
57	21.4	16.6	24.8

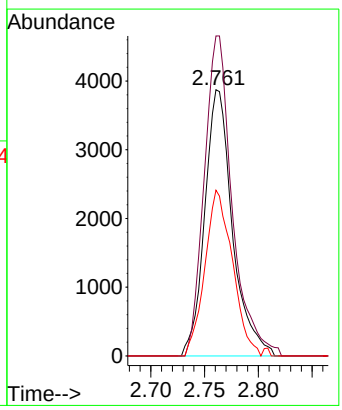


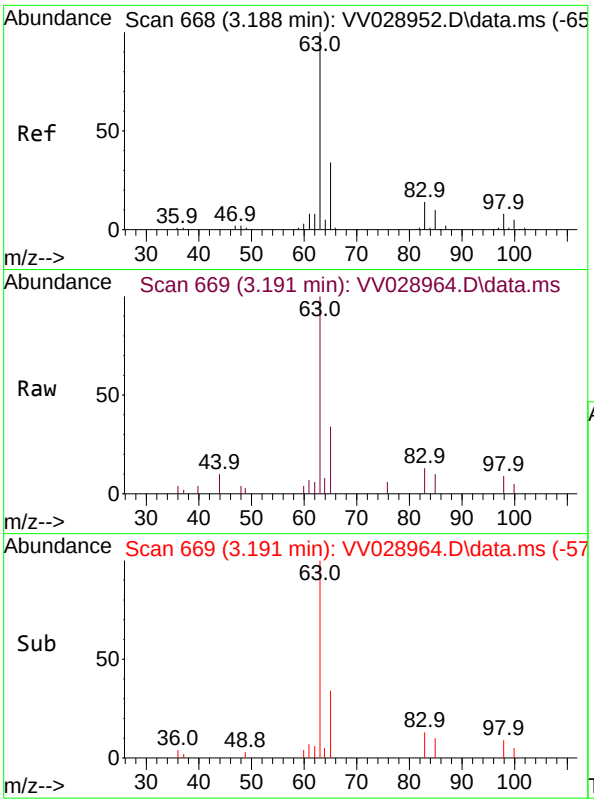


#18
trans-1,2-Dichloroethene
Concen: 0.364 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Tgt Ion: 96 Resp: 6950

Ion	Ratio	Lower	Upper
96	100		
61	120.2	91.8	170.6
98	62.3	46.4	86.2



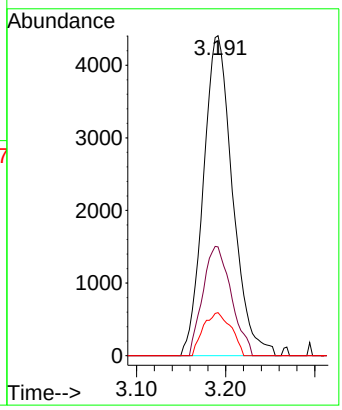


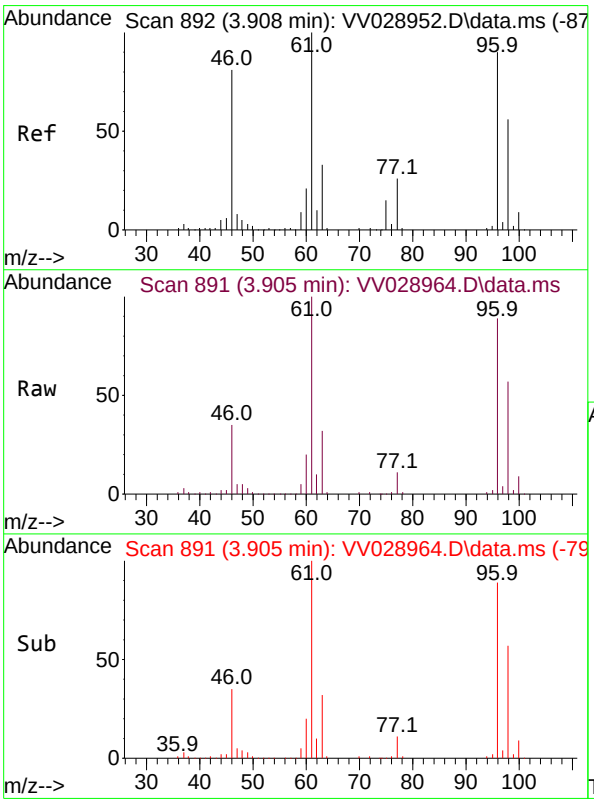
#19
1,1-Dichloroethane
Concen: 0.321 ug/L
RT: 3.191 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 63 Resp: 10021

Ion	Ratio	Lower	Upper
63	100		
65	34.0	23.0	42.6
83	13.5	9.4	17.6

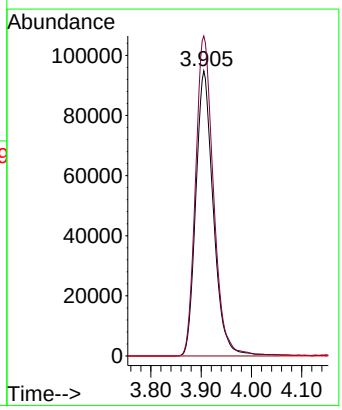


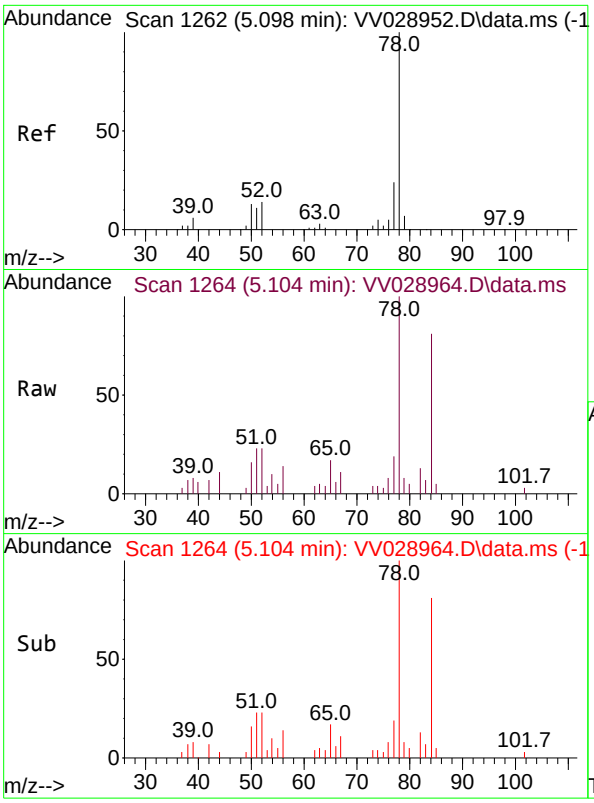


#22
cis-1,2-Dichloroethene
Concen: 11.804 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Tgt Ion: 96 Resp: 229245

Ion	Ratio	Lower	Upper
96	100		
61	112.2	82.3	152.9
68	0.0	0.0	0.0

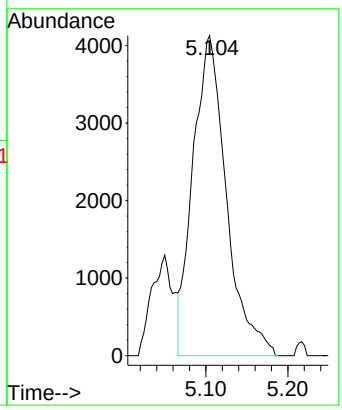


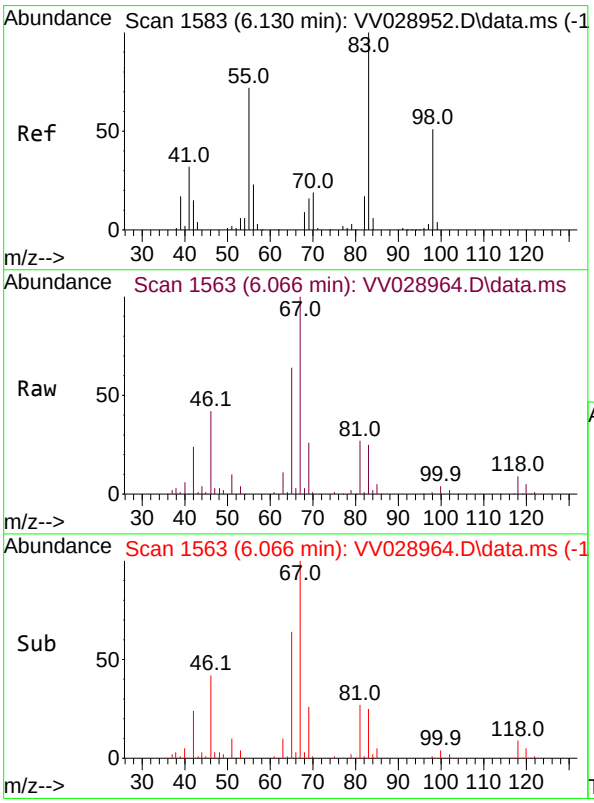


#33
Benzene
Concen: 0.151 ug/L
RT: 5.104 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 78 Resp: 11670

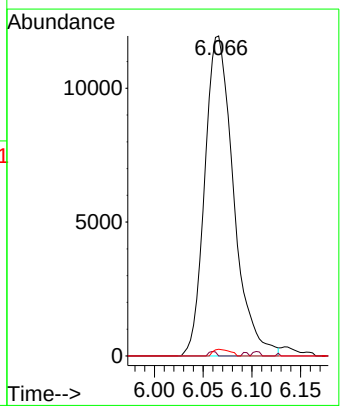


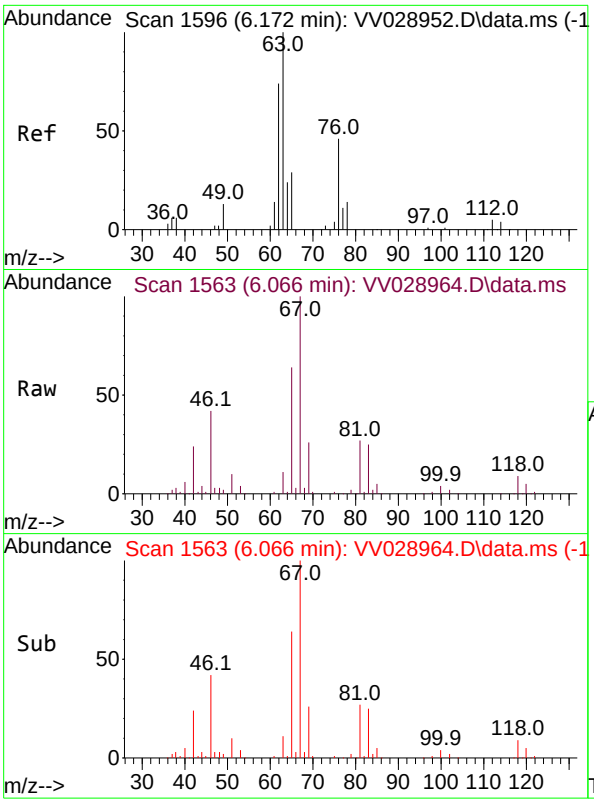


#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Tgt Ion: 83 Resp: 24564

Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.8	83.6#
98	1.2	38.2	57.2#



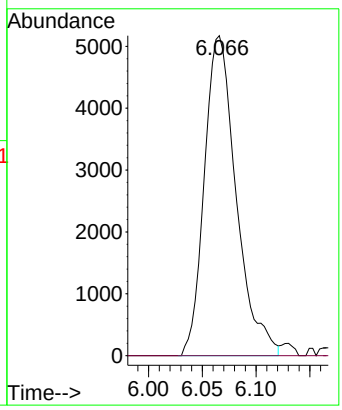


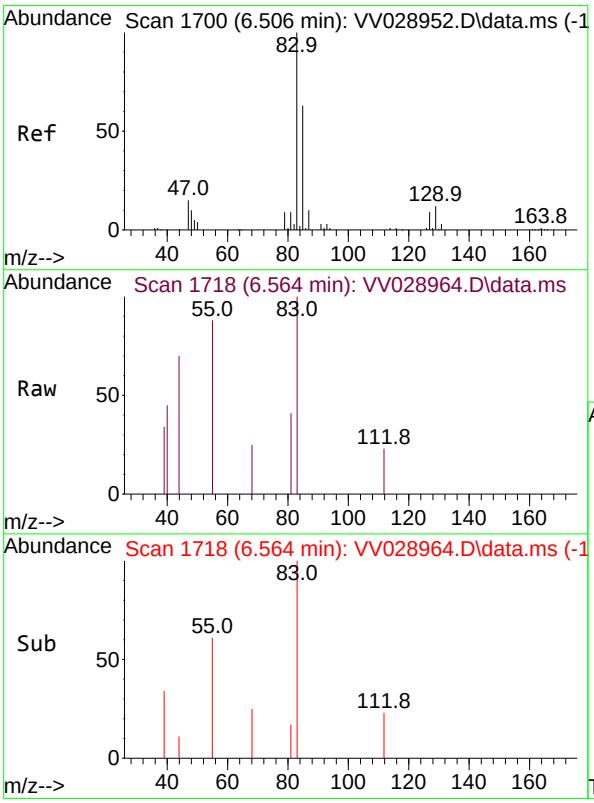
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 63 Resp: 10653

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

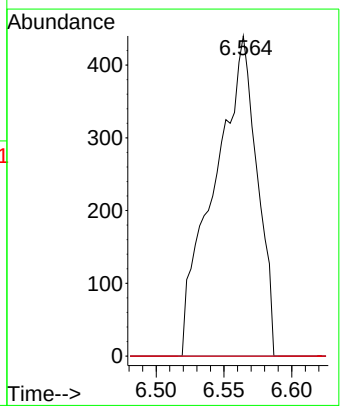


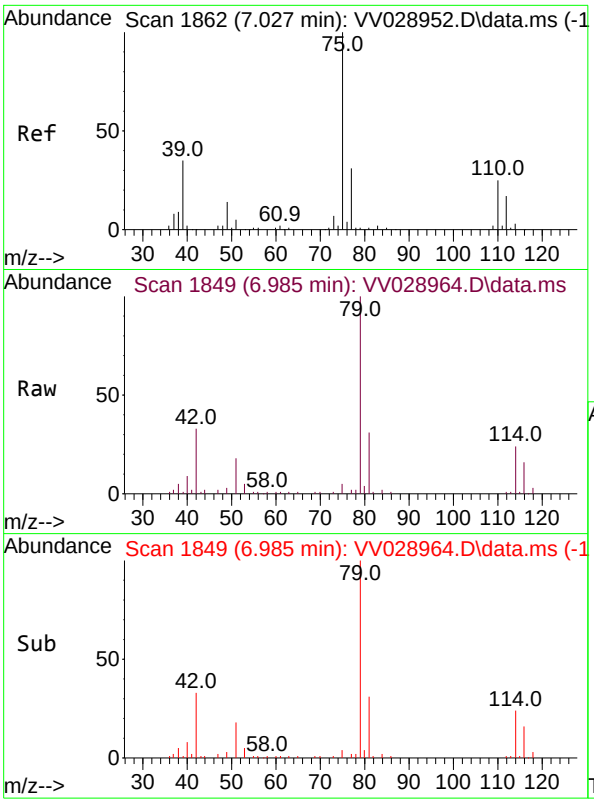


#38
Bromodichloromethane
Concen: 0.043 ug/L
RT: 6.564 min Scan# 1718
Delta R.T. 0.058 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Tgt Ion: 83 Resp: 965

Ion	Ratio	Lower	Upper
83	100		
85	0.0	46.1	85.5#
127	0.0	6.7	10.1#



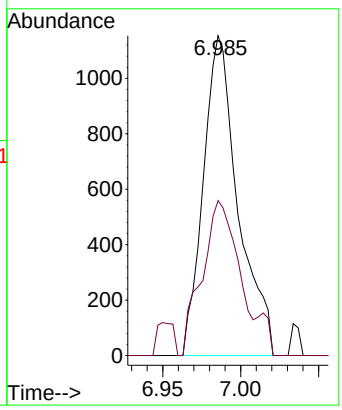


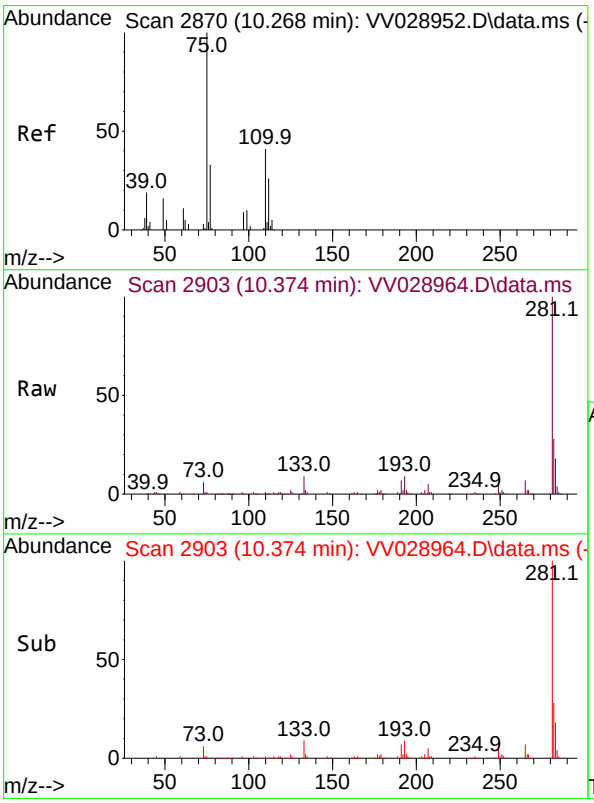
#39
cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 6.985 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 75 Resp: 1794

Ion	Ratio	Lower	Upper
75	100		
77	48.4	21.8	40.6#





#61
1,2,3-Trichloropropane
Concen: 0.170 ug/L
RT: 10.374 min Scan# 2903
Delta R.T. 0.106 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Tgt Ion: 75 Resp: 1474

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
110	48.4	32.6	48.8