Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028962.D
Acq On : 15 Nov 2022 01:21
Operator : SY/MD
Sample : N5604-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46C2

Quant Time: Nov 15 05:37:00 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	5.612	114	275205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	123258	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73509	4.381	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.600%			
7) Chloroethane-d5	1.568	69	68252	4.627	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.600%			
11) 1,1-Dichloroethene-d2	2.108	63	96847	3.167	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.400%			
20) 2-Butanone-d5	3.889	46	189959	67.636	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 135.280%#			
24) Chloroform-d	4.342	84	171509	4.979	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	5.027	65	80472	5.192	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.800%			
32) Benzene-d6	5.043	84	349791	4.591	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.066	67	102986	4.840	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.800%			
41) Toluene-d8	7.310	98	306105	4.463	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	7.622	79	25919	3.735	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.800%			
46) 2-Hexanone-d5	8.085	63	149471	50.463	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.920%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	76198	5.165	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.400%			
66) 1,2-Dichlorobenzene-d4	11.615	152	113883	5.164	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	835500	38.470	ug/L	99
14) Carbon disulfide	2.294	76	10866	0.184	ug/L #	94
17) Methyl tert-butyl Ether	2.767	73	19101	0.535	ug/L #	47
18) trans-1,2-Dichloroethene	2.760	96	4901	0.254	ug/L	98
19) 1,1-Dichloroethane	3.188	63	22084	0.699	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	392594	19.986	ug/L	98
30) Cyclohexane	4.674	56	5115	0.168	ug/L #	81
33) Benzene	5.098	78	50243	0.644	ug/L	100

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

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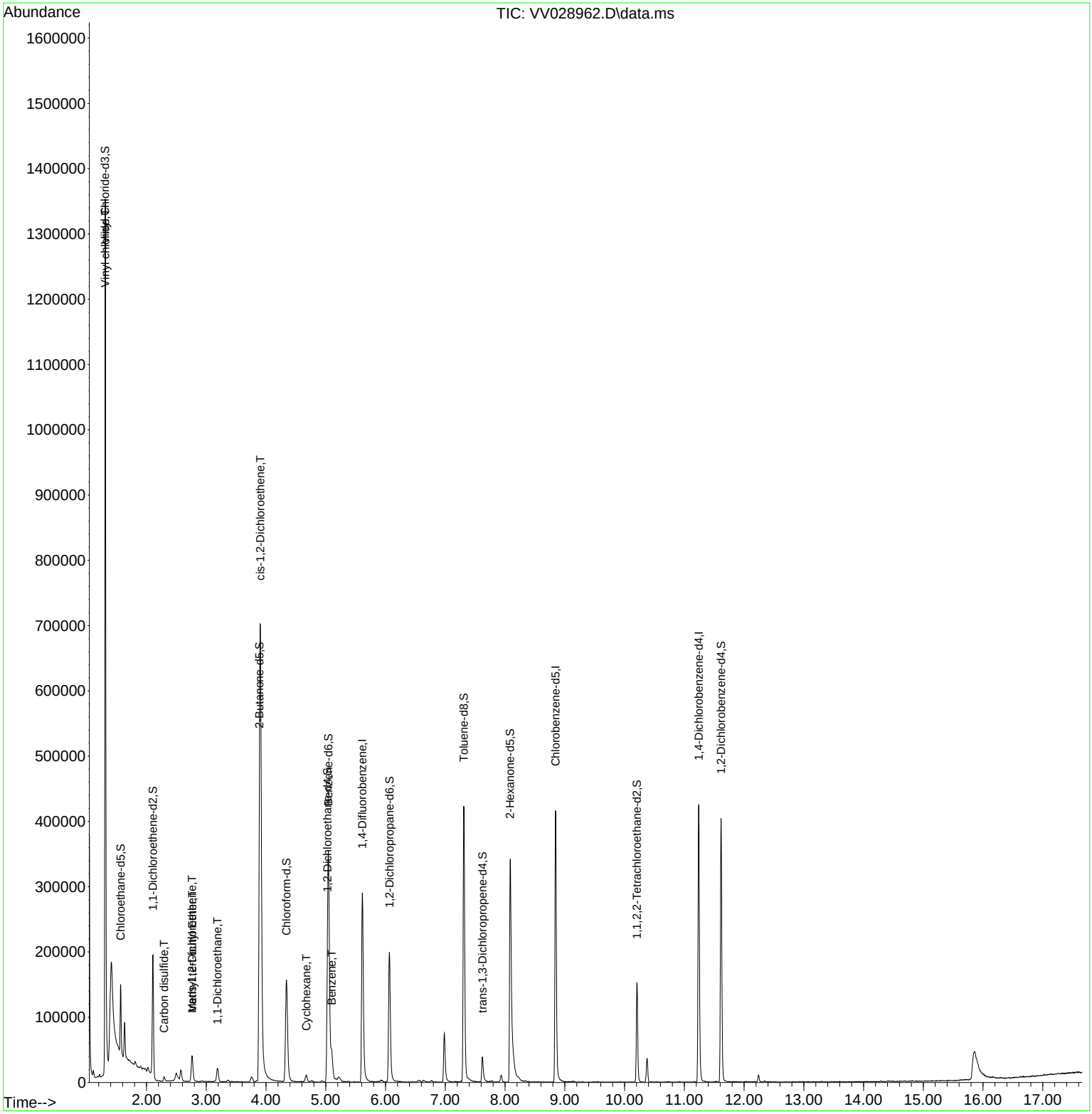
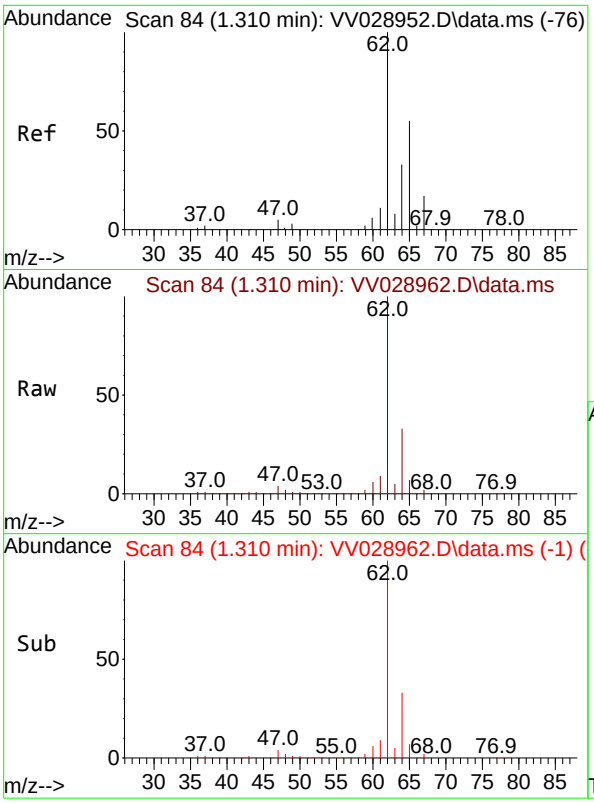


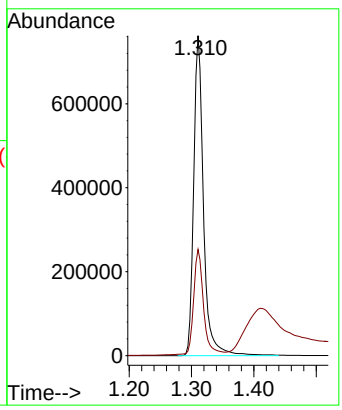


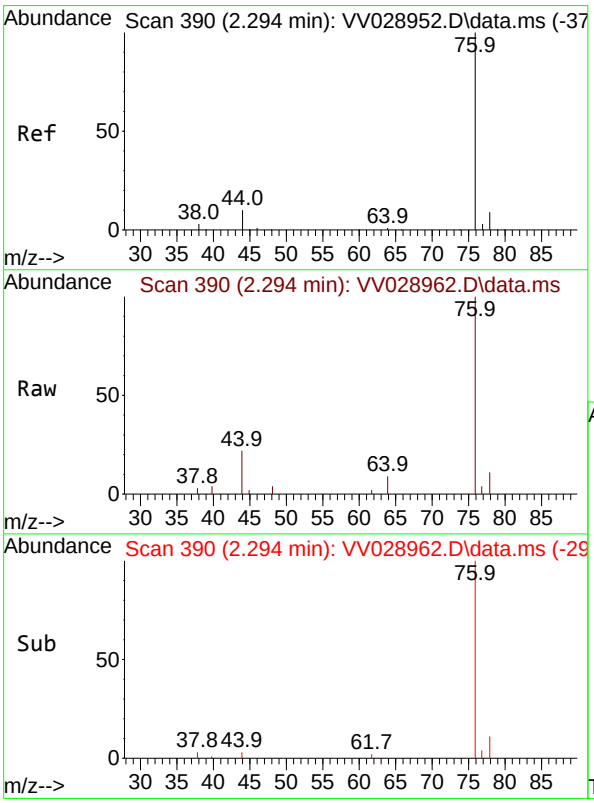
#5
Vinyl chloride
Concen: 38.470 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Instrument :
MSVOA_V
ClientSampleId :
H46C2

Tgt Ion: 62 Resp: 835500

Ion	Ratio	Lower	Upper
62	100		
64	33.2	22.8	42.4

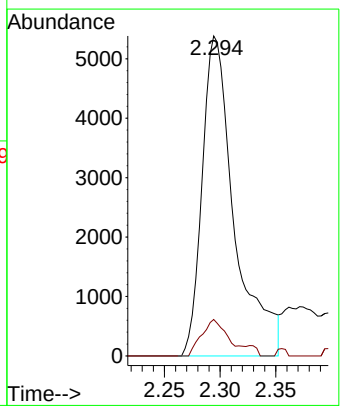


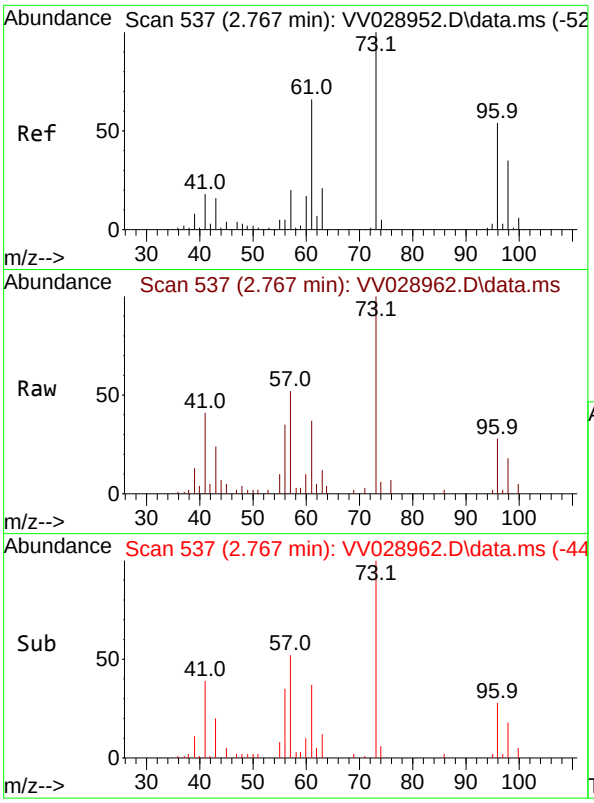


#14
Carbon disulfide
Concen: 0.184 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Tgt Ion: 76 Resp: 10866

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.4	11.2#



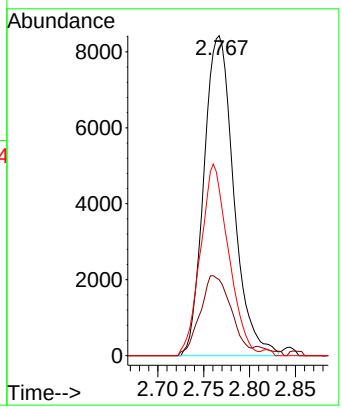


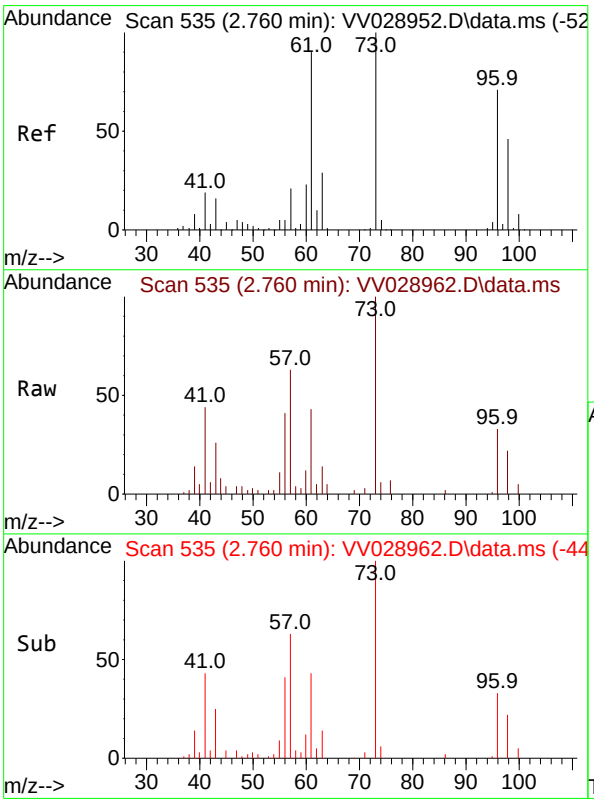
#17
Methyl tert-butyl Ether
Concen: 0.535 ug/L
RT: 2.767 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Instrument :
MSVOA_V
ClientSampleId :
H46C2

Tgt Ion: 73 Resp: 19101

Ion	Ratio	Lower	Upper
73	100		
43	26.0	13.0	19.4#
57	56.3	16.6	24.8#

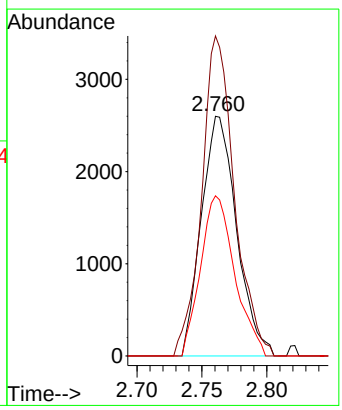


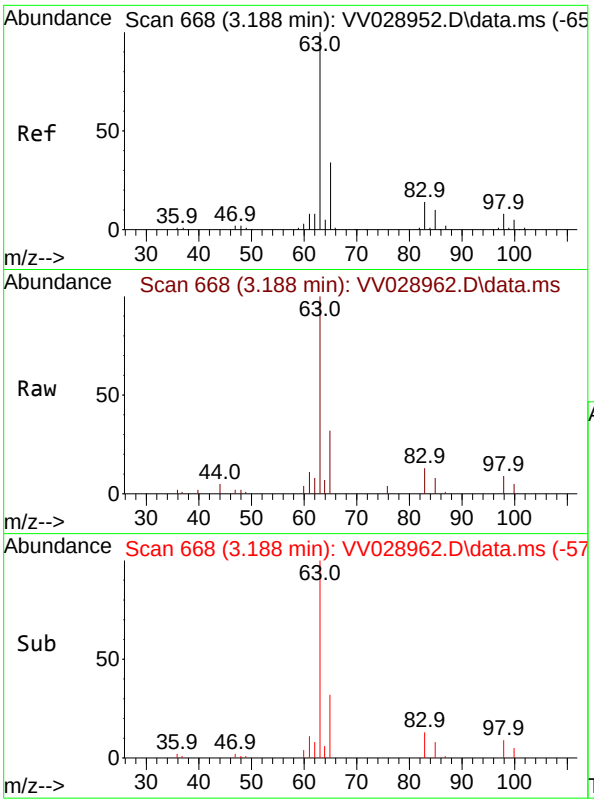


#18
trans-1,2-Dichloroethene
Concen: 0.254 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Tgt Ion: 96 Resp: 4901

Ion	Ratio	Lower	Upper
96	100		
61	133.5	91.8	170.6
98	66.8	46.4	86.2



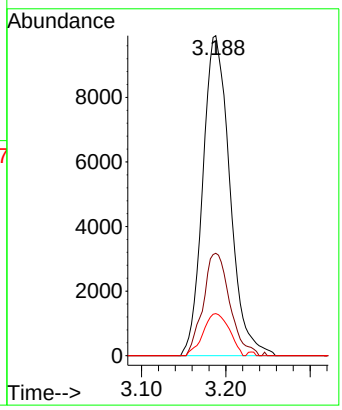


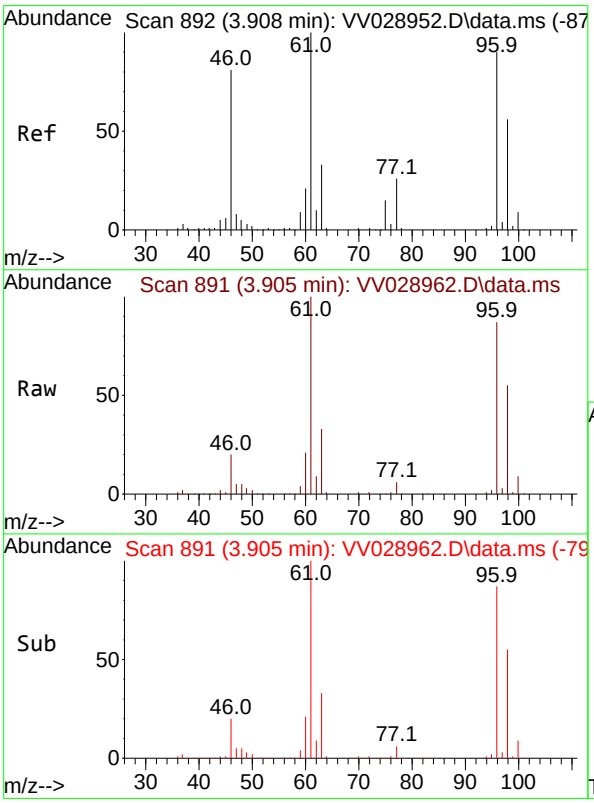
#19
1,1-Dichloroethane
Concen: 0.699 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Instrument :
MSVOA_V
ClientSampleId :
H46C2

Tgt Ion: 63 Resp: 22084

Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.0	42.6
83	13.2	9.4	17.6

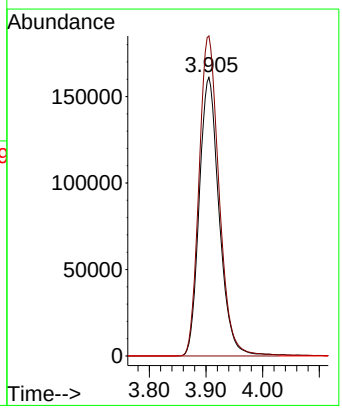


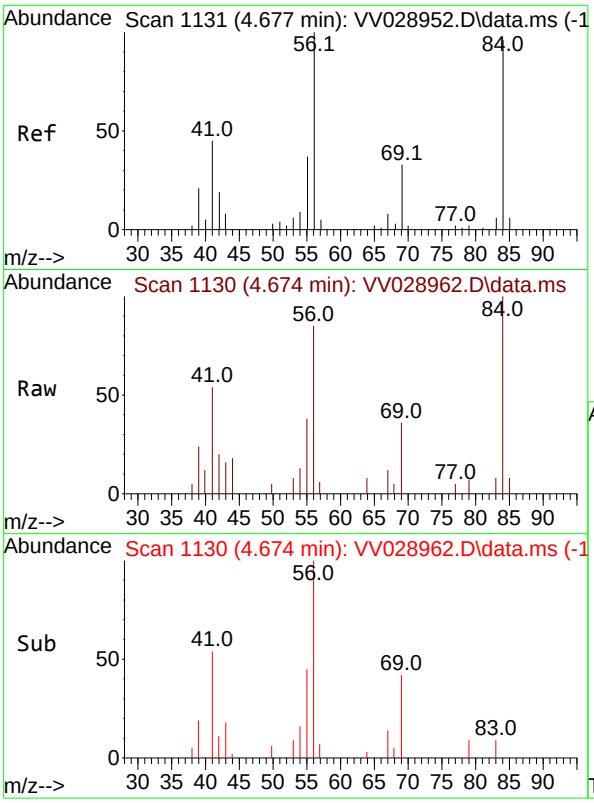


#22
cis-1,2-Dichloroethene
Concen: 19.986 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Tgt Ion: 96 Resp: 392594

Ion	Ratio	Lower	Upper
96	100		
61	114.9	82.3	152.9
68	0.0	0.0	0.0



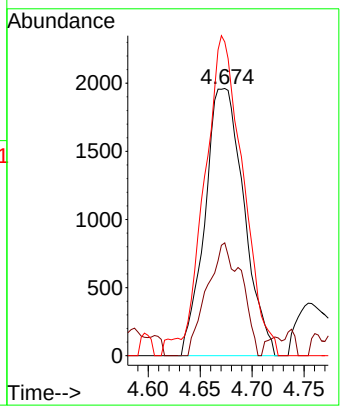


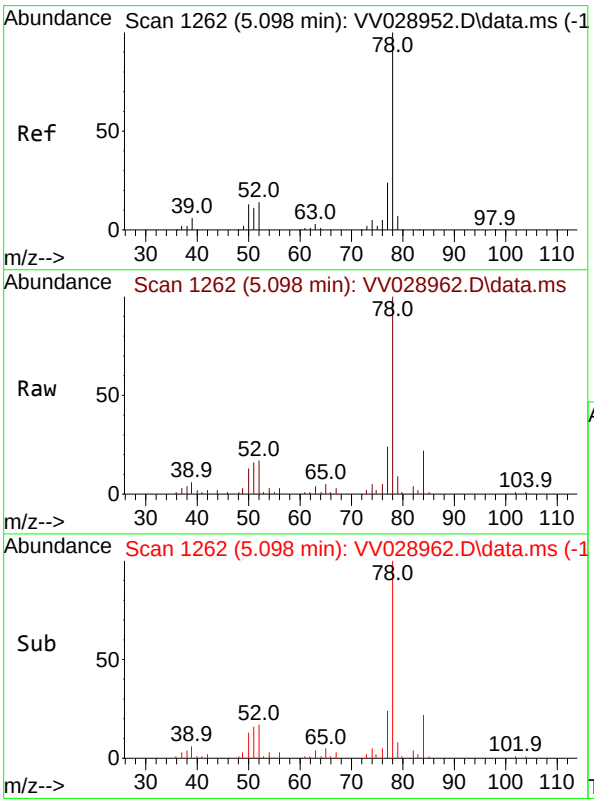
#30
Cyclohexane
Concen: 0.168 ug/L
RT: 4.674 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Instrument :
MSVOA_V
ClientSampleId :
H46C2

Tgt Ion: 56 Resp: 5115

Ion	Ratio	Lower	Upper
56	100		
69	37.4	26.1	39.1
84	119.1	77.9	116.9#





#33
Benzene
Concen: 0.644 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Tgt Ion: 78 Resp: 50243