Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029033.D
Acq On : 16 Nov 2022 22:09
Operator : SY/MD
Sample : N5604-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Quant Time: Nov 17 05:34:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	262035	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	239756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	112962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83595	5.233	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.600%			
7) Chloroethane-d5	1.568	69	64421	4.587	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.108	63	106653	3.664	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.200%			
20) 2-Butanone-d5	3.889	46	165853	62.021	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.040%			
24) Chloroform-d	4.342	84	166776	5.085	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.600%			
26) 1,2-Dichloroethane-d4	5.027	65	78025	5.287	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.800%			
32) Benzene-d6	5.047	84	357767	4.999	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.000%			
36) 1,2-Dichloropropane-d6	6.066	67	102118	5.110	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.200%			
41) Toluene-d8	7.313	98	333751	5.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.600%			
43) trans-1,3-Dichloroprop...	7.619	79	35121	5.389	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.800%			
46) 2-Hexanone-d5	8.085	63	141069	50.708	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.420%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	75156	5.425	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.400%			
66) 1,2-Dichlorobenzene-d4	11.615	152	122114	6.042	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.800%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	301856	14.597	ug/L	95
8) Chloroethane	1.404	64	240895	19.825	ug/L #	51
12) 1,1-Dichloroethene	2.111	96	1861	0.117	ug/L #	1
15) Methyl Acetate	2.494	43	5541	1.327	ug/L #	44
17) Methyl tert-butyl Ether	2.764	73	409856	12.052	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	6838	0.372	ug/L	85
19) 1,1-Dichloroethane	3.188	63	10459	0.348	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	236544	12.647	ug/L	97
25) Chloroform	4.358	83	2999	0.095	ug/L	94
27) 1,2-Dichloroethane	5.043	62	1867	0.115	ug/L #	70
33) Benzene	5.101	78	12196	0.166	ug/L	100
35) Methylcyclohexane	6.066	83	25865	0.785	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10979	0.650	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2247	0.095	ug/L #	72
61) 1,2,3-Trichloropropane	11.239	75	11440	1.482	ug/L #	65

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

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Instrument :
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Quant Time: Nov 17 05:34:36 2022
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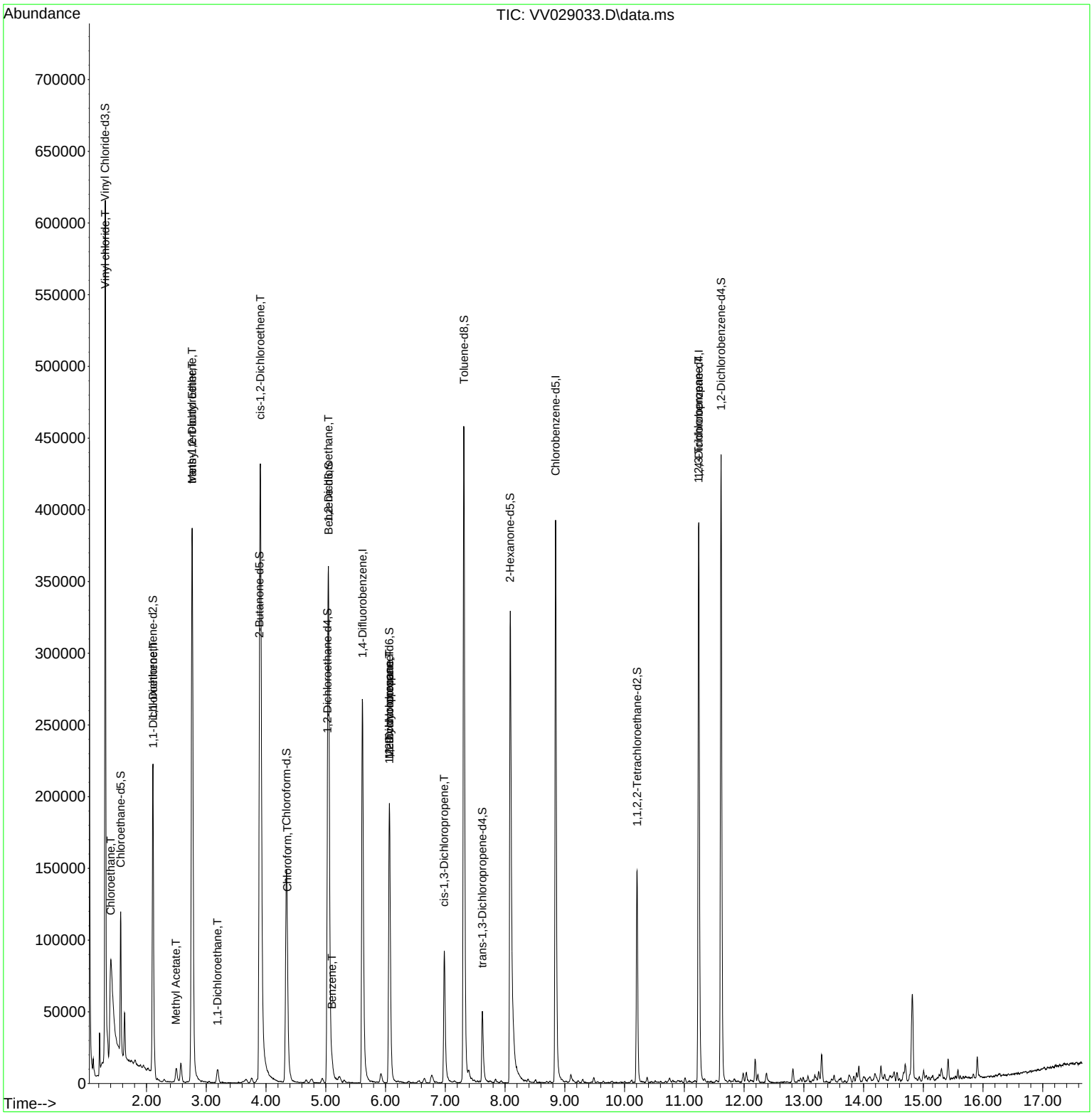
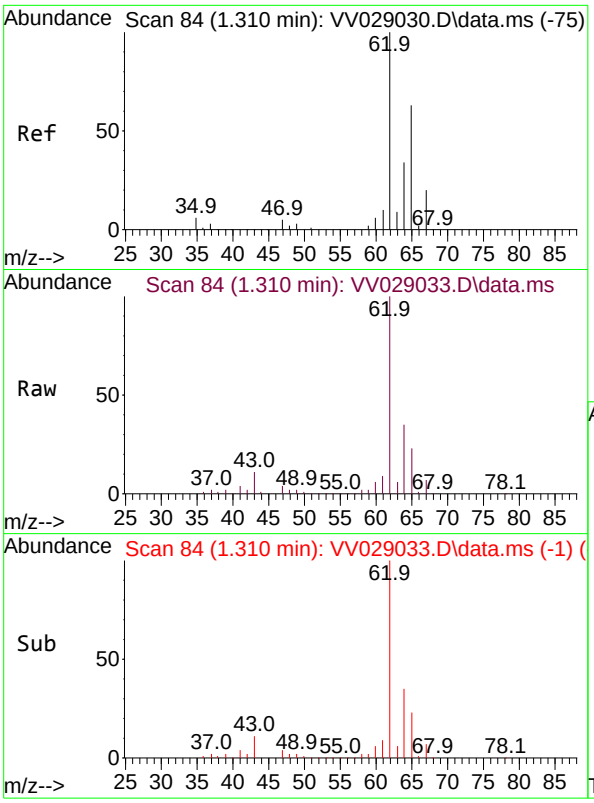
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration



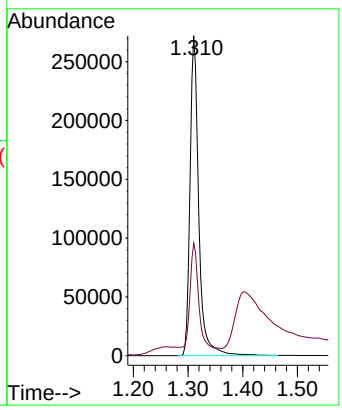


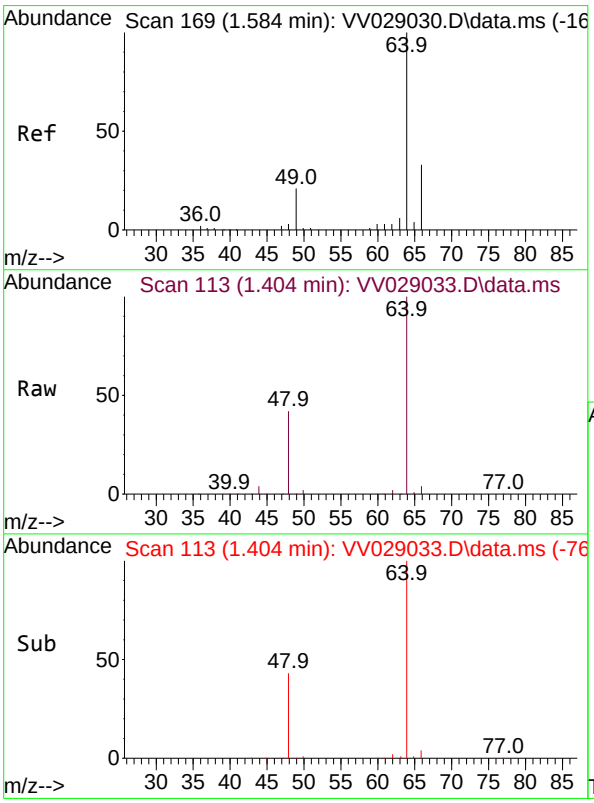
#5
Vinyl chloride
Concen: 14.597 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 62 Resp: 301856

Ion	Ratio	Lower	Upper
62	100		
64	35.2	22.8	42.4

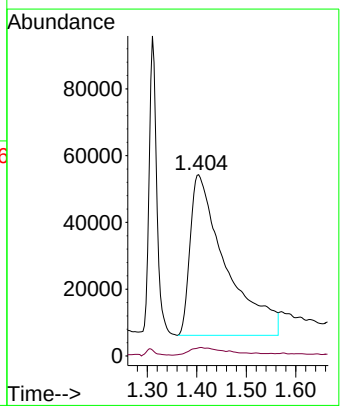


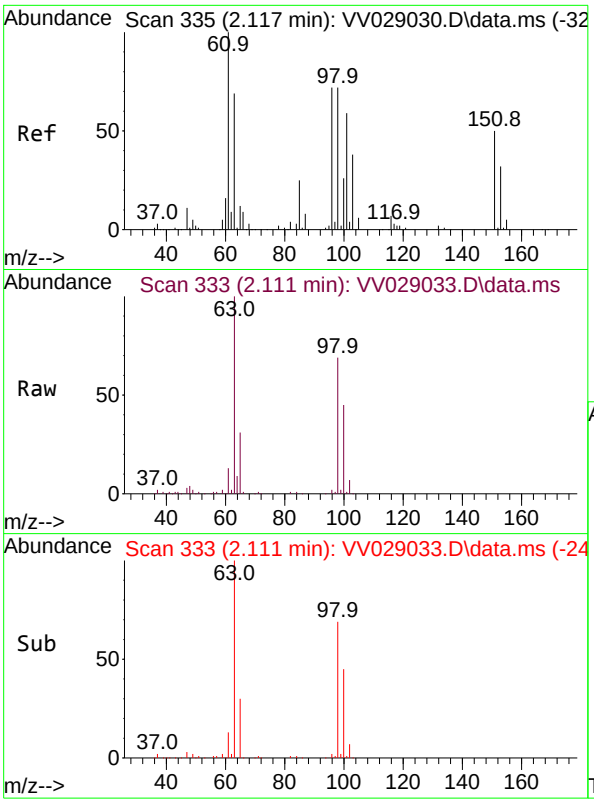


#8
Chloroethane
Concen: 19.825 ug/L
RT: 1.404 min Scan# 113
Delta R.T. -0.180 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Tgt Ion: 64 Resp: 240895

Ion	Ratio	Lower	Upper
64	100		
66	4.5	22.0	40.8#



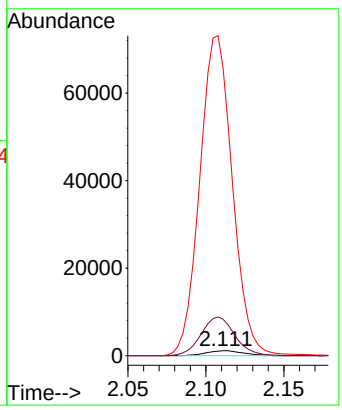


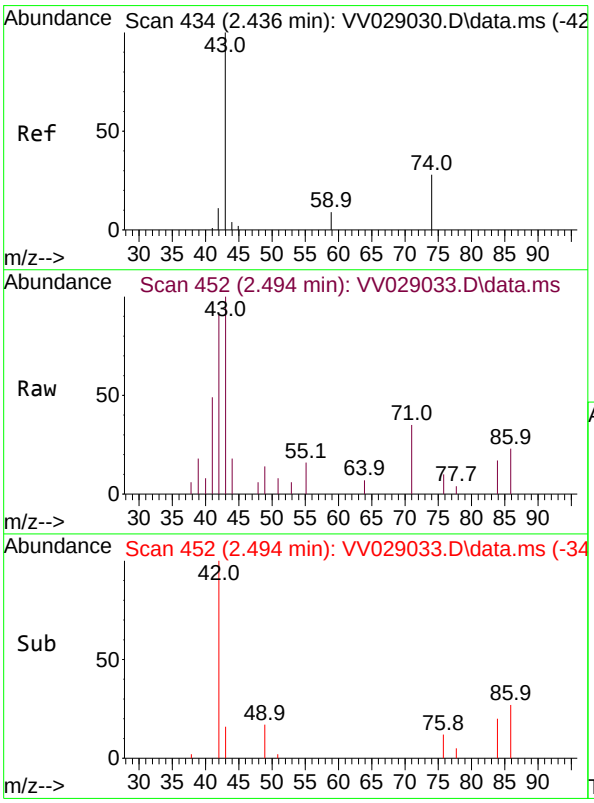
#12
1,1-Dichloroethene
Concen: 0.117 ug/L
RT: 2.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 96 Resp: 1861

Ion	Ratio	Lower	Upper
96	100		
61	729.9	104.2	193.4#
63	5774.4	75.9	140.9#

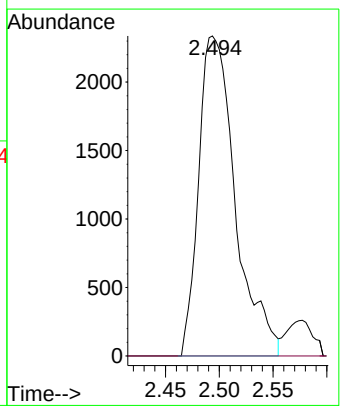


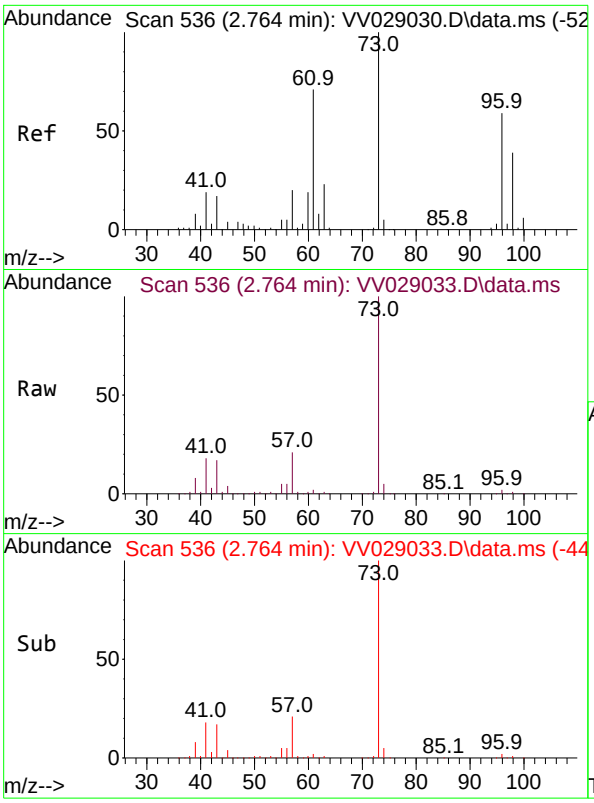


#15
Methyl Acetate
Concen: 1.327 ug/L
RT: 2.494 min Scan# 452
Delta R.T. 0.058 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Tgt Ion: 43 Resp: 5541

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.6	37.0#



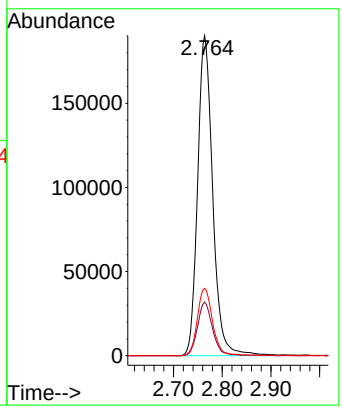


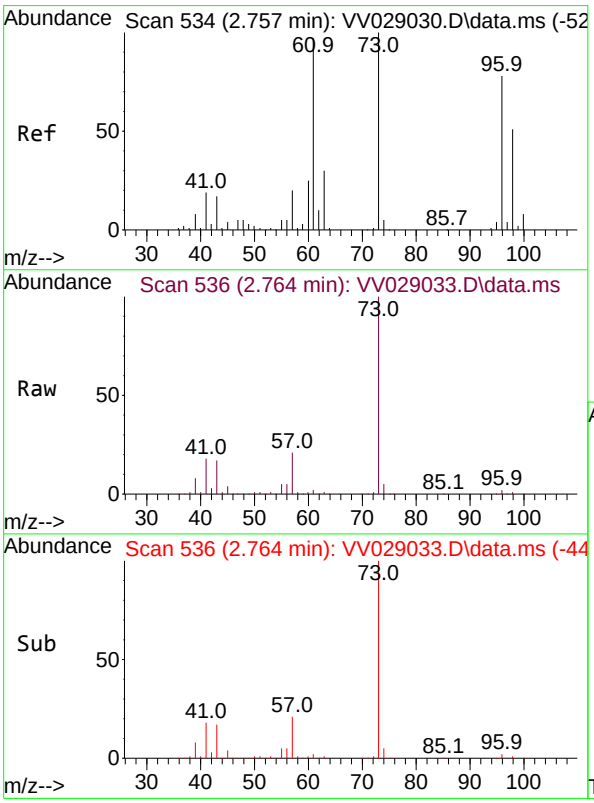
#17
Methyl tert-butyl Ether
Concen: 12.052 ug/L
RT: 2.764 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 73 Resp: 409856

Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.0	19.4
57	20.9	16.6	24.8

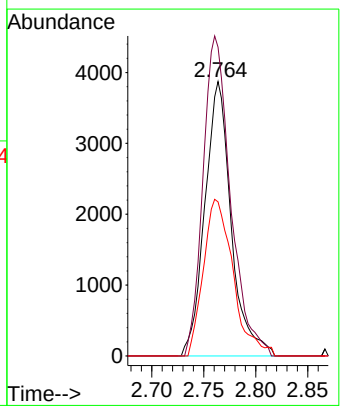


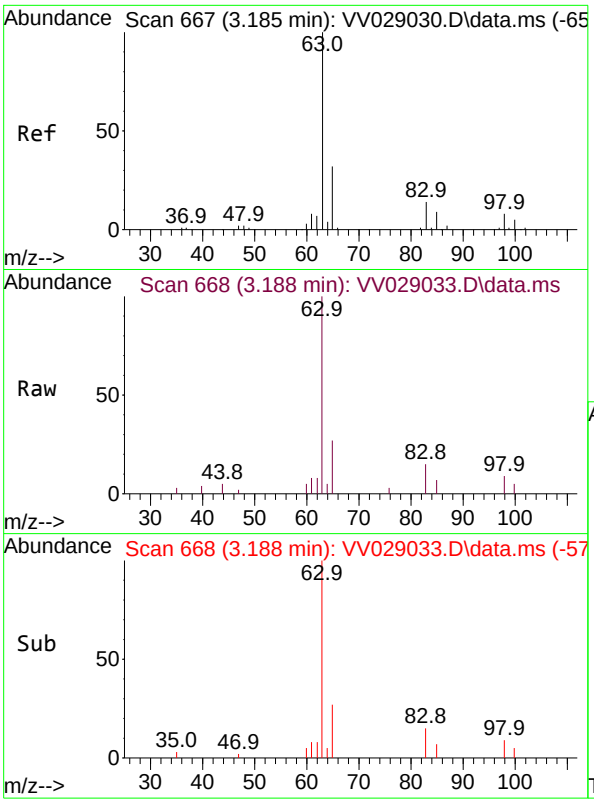


#18
trans-1,2-Dichloroethene
Concen: 0.372 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Tgt Ion: 96 Resp: 6838

Ion	Ratio	Lower	Upper
96	100		
61	112.6	91.8	170.6
98	56.1	46.4	86.2



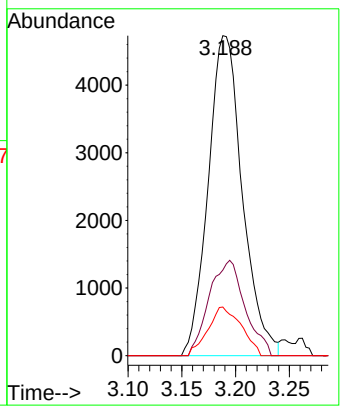


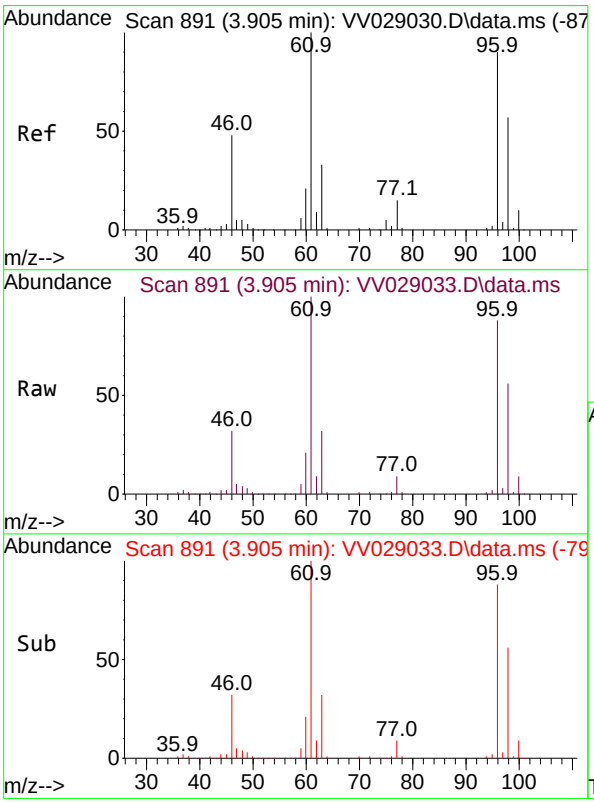
#19
1,1-Dichloroethane
Concen: 0.348 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 63 Resp: 10459

Ion	Ratio	Lower	Upper
63	100		
65	26.7	23.0	42.6
83	15.2	9.4	17.6

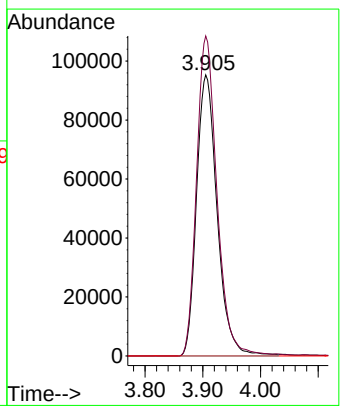


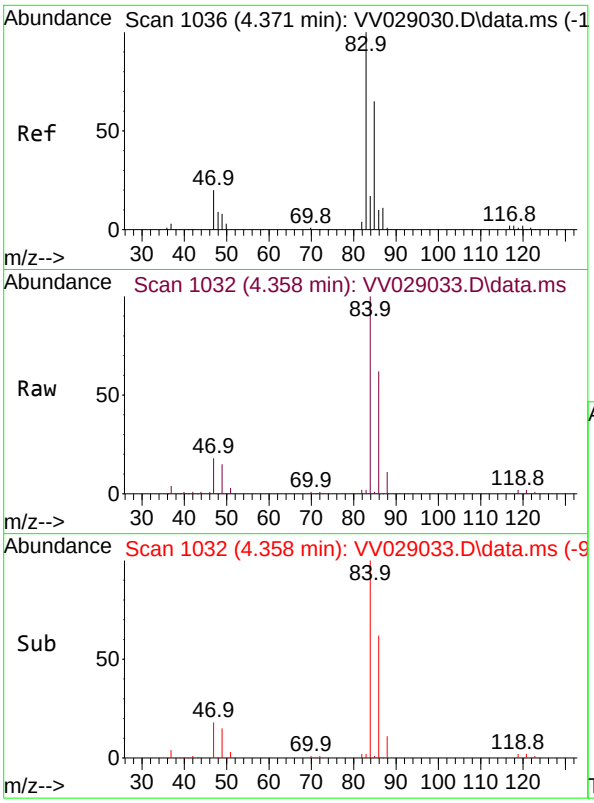


#22
cis-1,2-Dichloroethene
Concen: 12.647 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Tgt Ion: 96 Resp: 236544

Ion	Ratio	Lower	Upper
96	100		
61	113.8	82.3	152.9
68	0.0	0.0	0.0



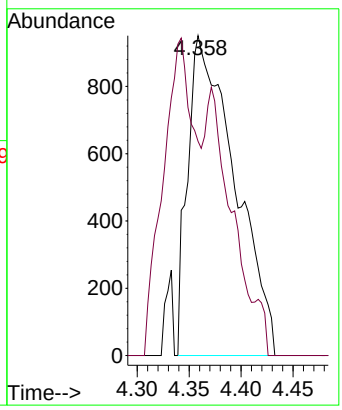


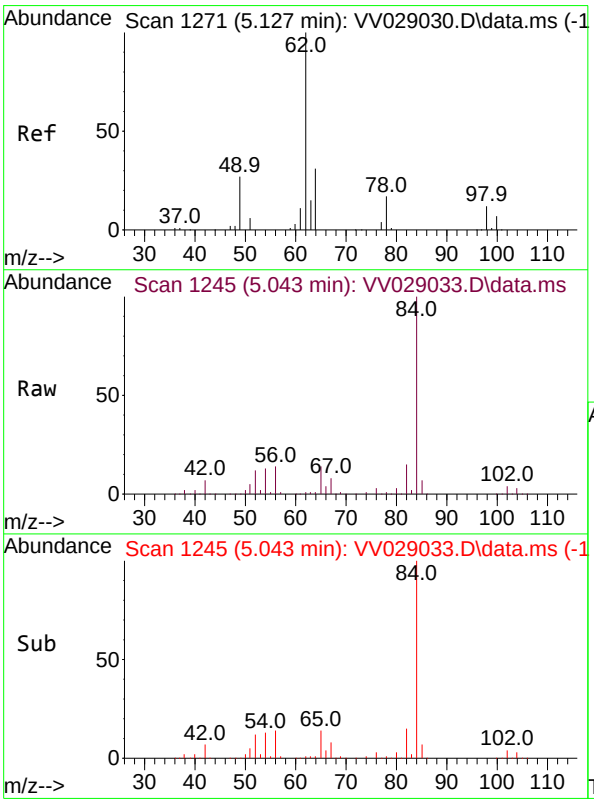
#25
Chloroform
Concen: 0.095 ug/L
RT: 4.358 min Scan# 1
Delta R.T. -0.013 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 83 Resp: 2999

Ion	Ratio	Lower	Upper
83	100		
85	67.0	43.7	81.1

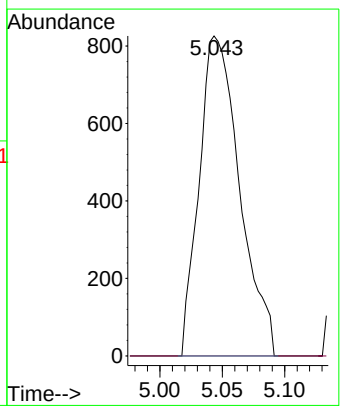


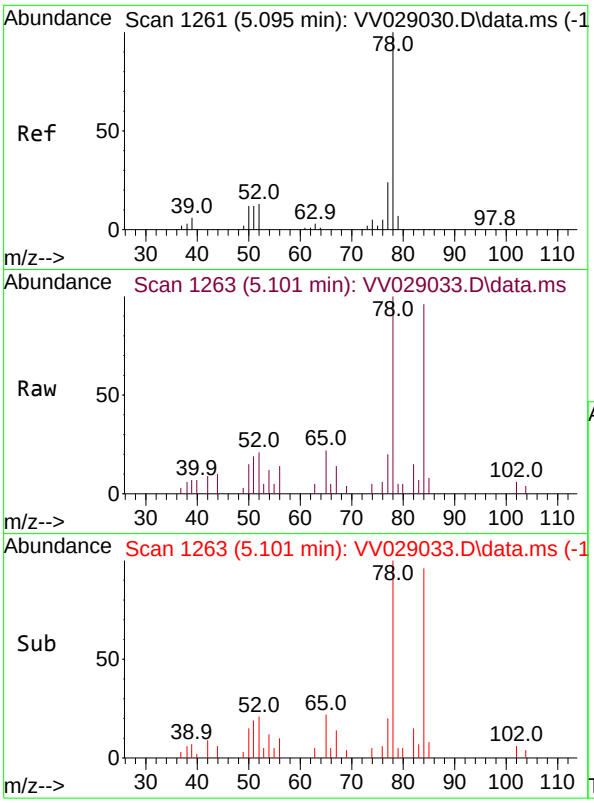


#27
1,2-Dichloroethane
Concen: 0.115 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.084 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Tgt Ion: 62 Resp: 1867

Ion	Ratio	Lower	Upper
62	100		
98	0.0	9.0	13.6#

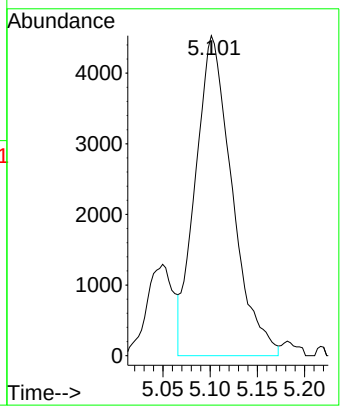


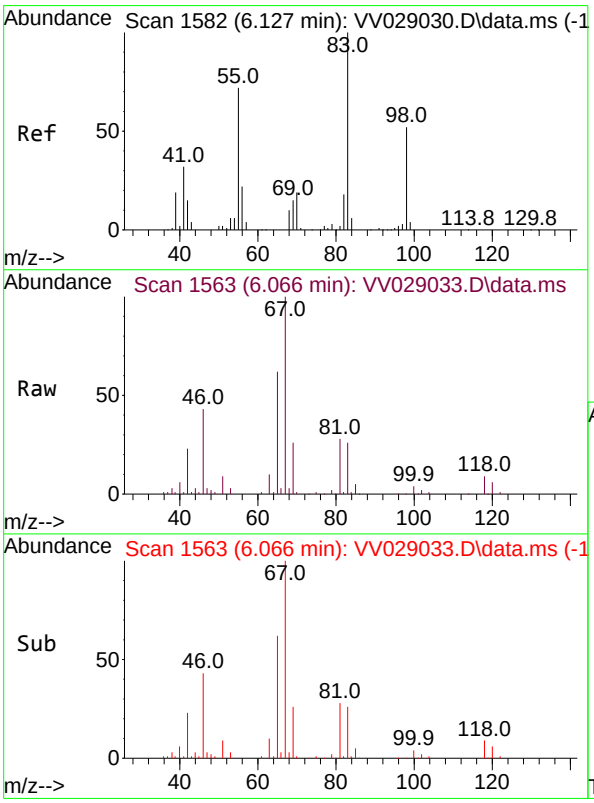


#33
Benzene
Concen: 0.166 ug/L
RT: 5.101 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 78 Resp: 12196

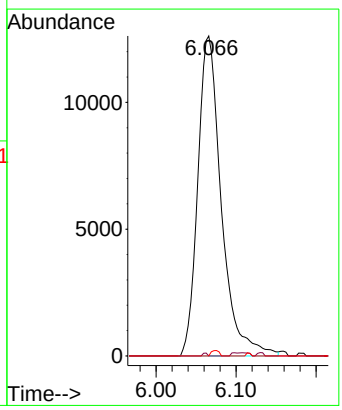


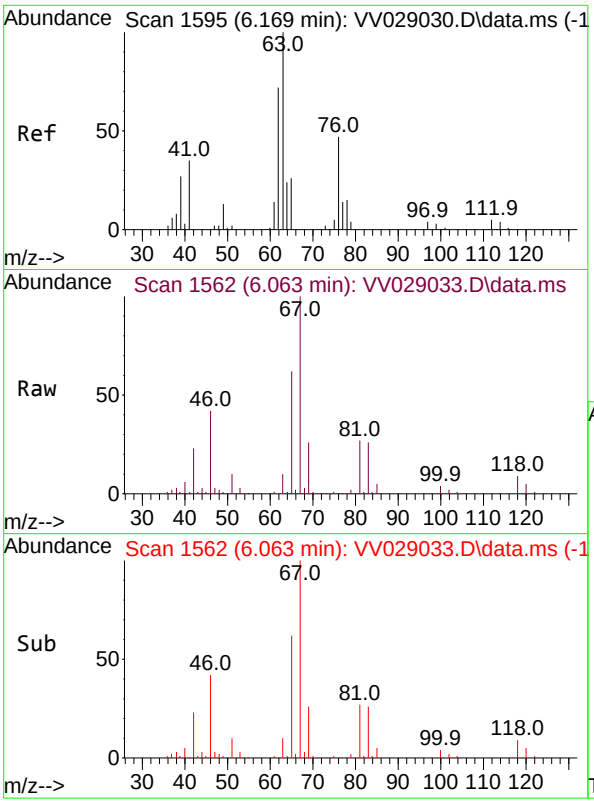


#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Tgt Ion: 83 Resp: 25865

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.8	83.6#
98	0.6	38.2	57.2#



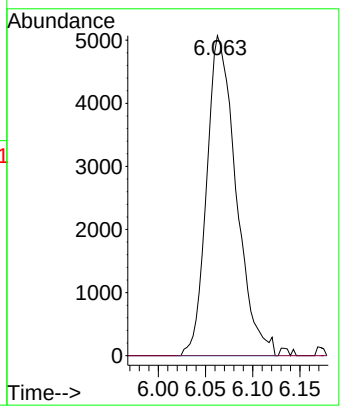


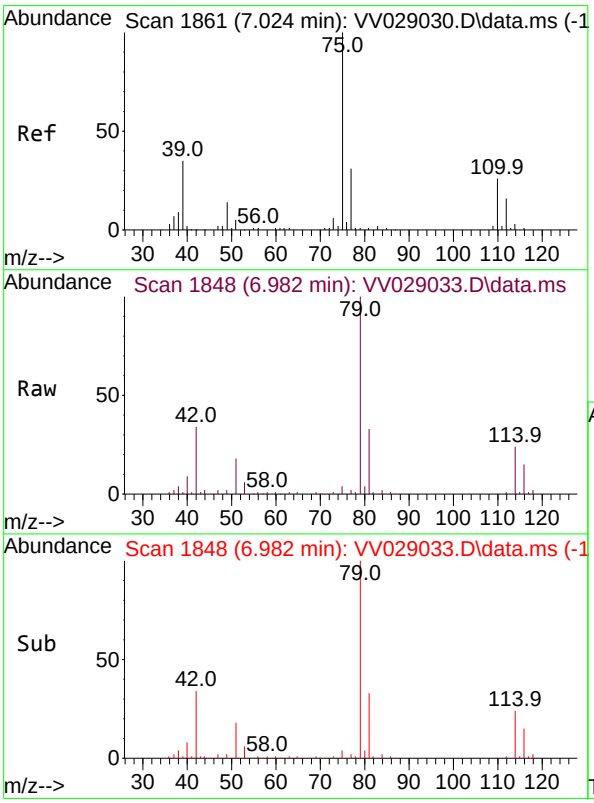
#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 63 Resp: 10979

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

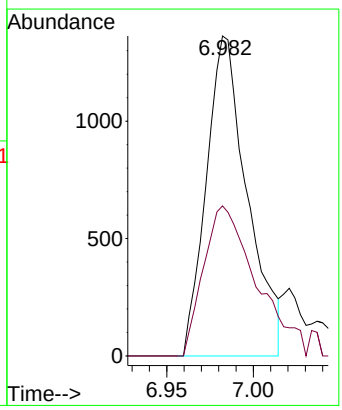


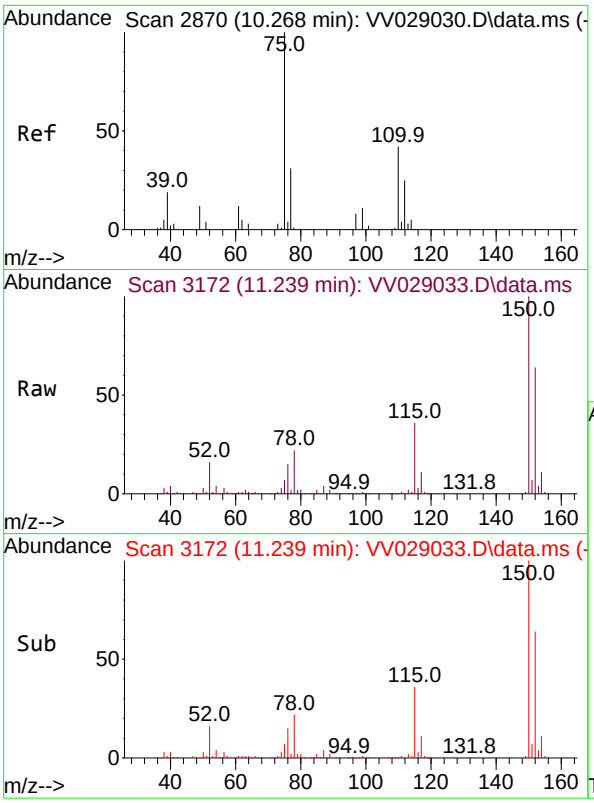


#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.042 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Tgt Ion: 75 Resp: 2247

Ion	Ratio	Lower	Upper
75	100		
77	46.9	21.8	40.6#





#61
1,2,3-Trichloropropane
Concen: 1.482 ug/L
RT: 11.239 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Instrument :
MSVOA_V
ClientSampleId :
H46D2

Tgt Ion: 75 Resp: 11440

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.2	39.2
110	1.6	32.6	48.8#