Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029093.D
Acq On : 18 Nov 2022 03:25
Operator : SY/MD
Sample : N5648-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Quant Time: Nov 18 06:03:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	249185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	230836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	105365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62396	4.107	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.200%			
7) Chloroethane-d5	1.568	69	51844	3.882	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.600%			
11) 1,1-Dichloroethene-d2	2.108	63	84617	3.056	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.200%			
20) 2-Butanone-d5	3.889	46	121977	47.966	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.940%			
24) Chloroform-d	4.342	84	147958	4.744	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.030	65	68789	4.902	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.047	84	305681	4.436	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.800%			
36) 1,2-Dichloropropane-d6	6.066	67	89449	4.649	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.310	98	282889	4.561	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
43) trans-1,3-Dichloroprop...	7.622	79	24121	3.844	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.800%			
46) 2-Hexanone-d5	8.088	63	122218	45.629	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.260%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68176	5.111	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	106979	5.675	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.600%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1369	0.079	ug/L	83
5) Vinyl chloride	1.310	62	441602	22.457	ug/L	97
8) Chloroethane	1.416	64	400186	34.632	ug/L #	53
14) Carbon disulfide	2.294	76	6619	0.124	ug/L	97
15) Methyl Acetate	2.494	43	3209	0.808	ug/L #	44
17) Methyl tert-butyl Ether	2.764	73	74409	2.301	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	73252	4.187	ug/L	95
19) 1,1-Dichloroethane	3.185	63	54640	1.910	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	233107	13.106	ug/L	91
30) Cyclohexane	4.677	56	2646	0.096	ug/L #	84
33) Benzene	5.101	78	50662	0.718	ug/L	100
34) Trichloroethene	5.921	95	3575	0.198	ug/L	94
35) Methylcyclohexane	6.066	83	22704	0.715	ug/L #	21
39) cis-1,3-Dichloropropene	6.985	75	1586	0.070	ug/L #	73
61) 1,2,3-Trichloropropane	11.239	75	10566	1.467	ug/L #	64

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

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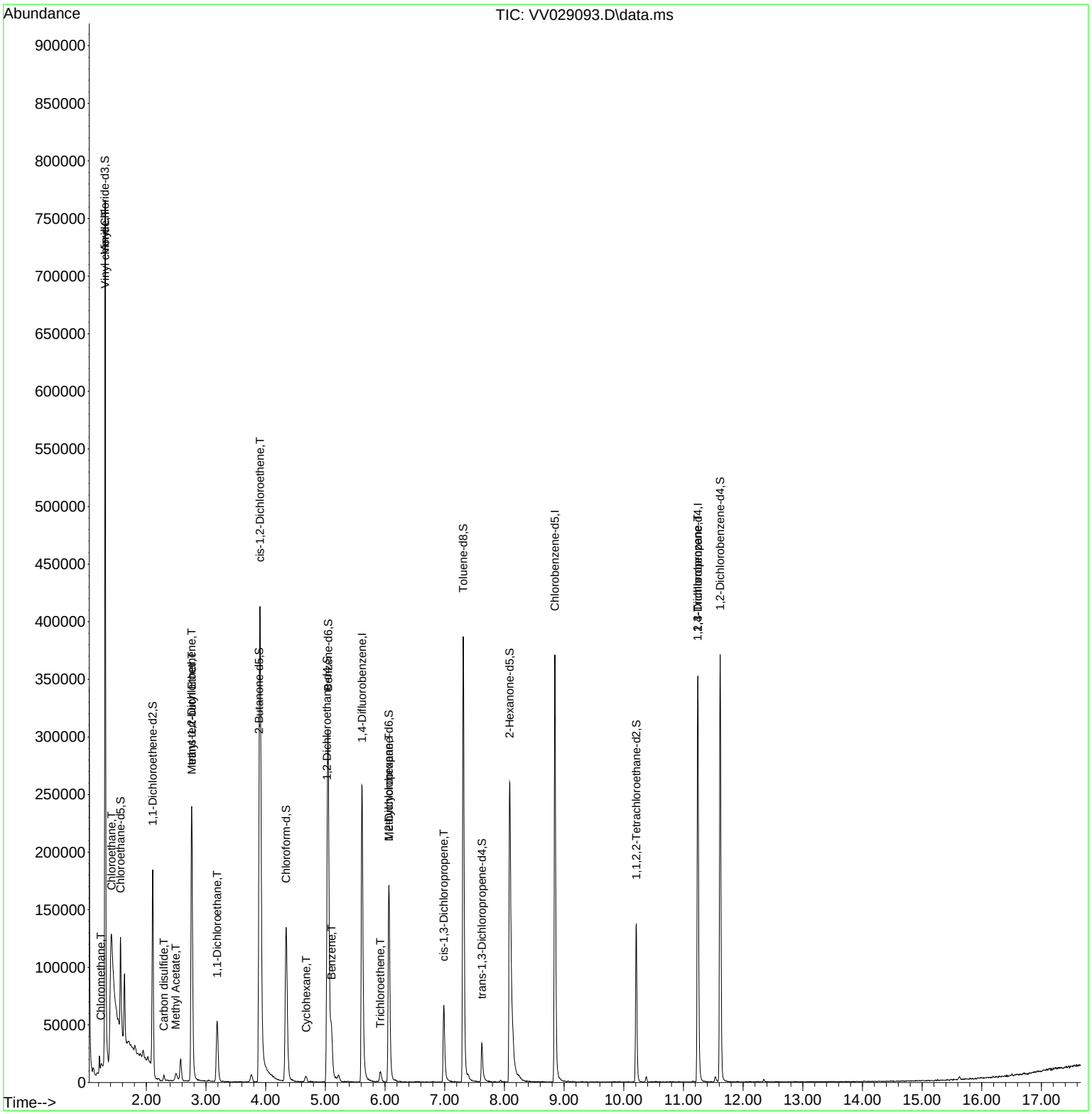
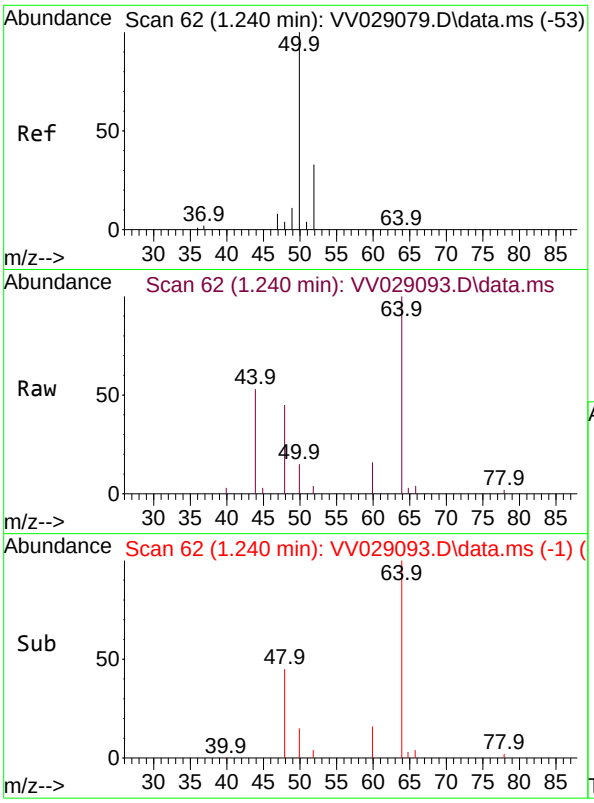
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



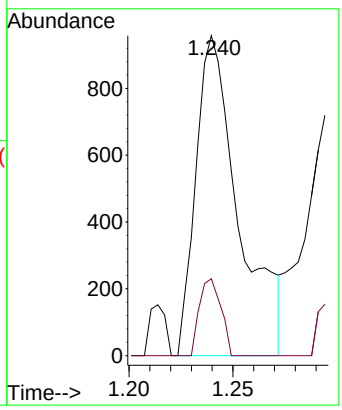


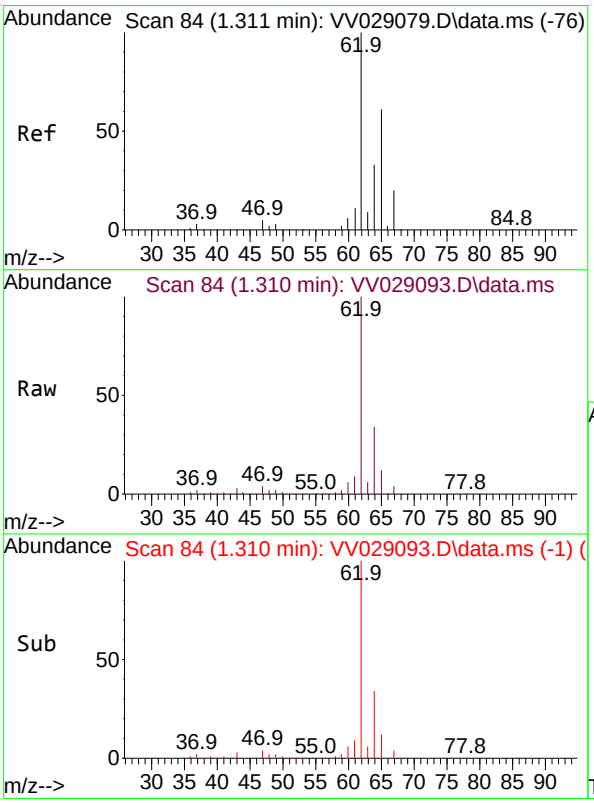
#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Tgt Ion: 50 Resp: 1369

Ion	Ratio	Lower	Upper
50	100		
52	24.0	23.7	43.9

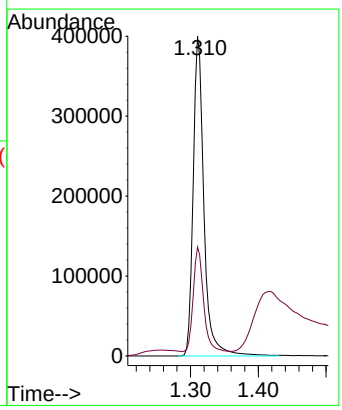


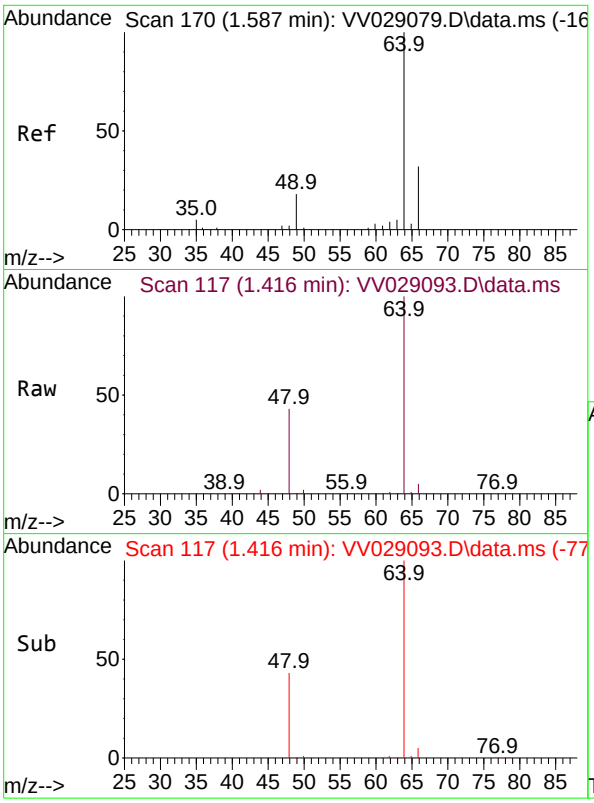


#5
Vinyl chloride
Concen: 22.457 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 62 Resp: 441602

Ion	Ratio	Lower	Upper
62	100		
64	34.1	22.8	42.4



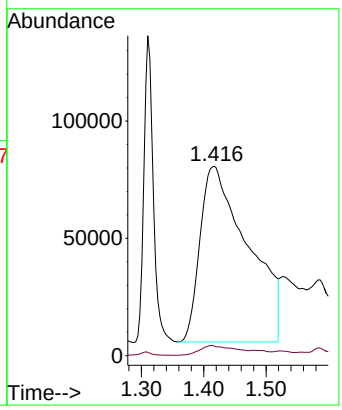


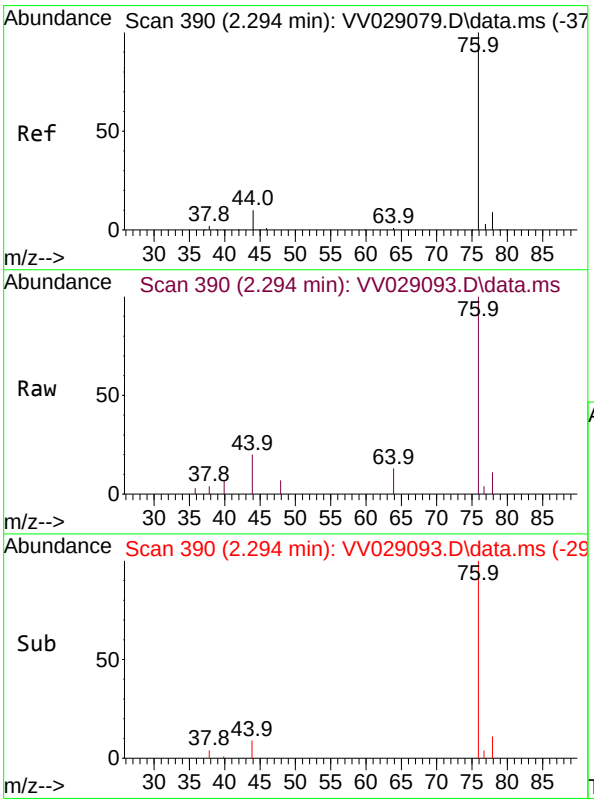
#8
Chloroethane
Concen: 34.632 ug/L
RT: 1.416 min Scan# 1
Delta R.T. -0.171 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Tgt Ion: 64 Resp: 400186

Ion	Ratio	Lower	Upper
64	100		
66	5.2	22.0	40.8#

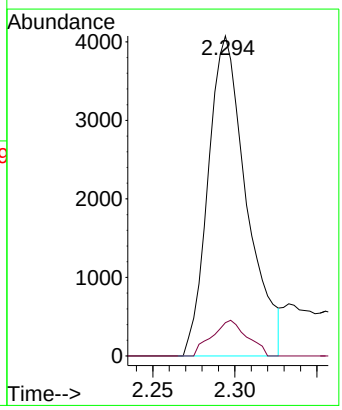


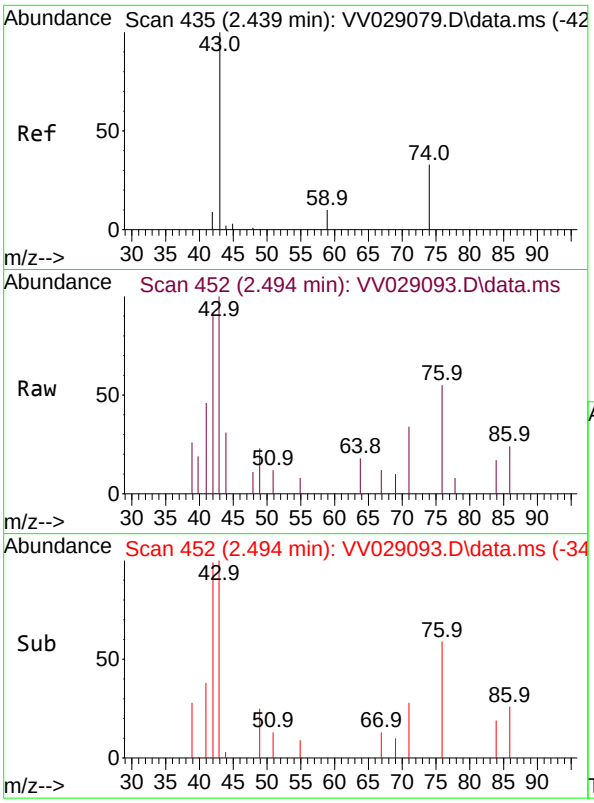


#14
Carbon disulfide
Concen: 0.124 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 76 Resp: 6619

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.4	11.2



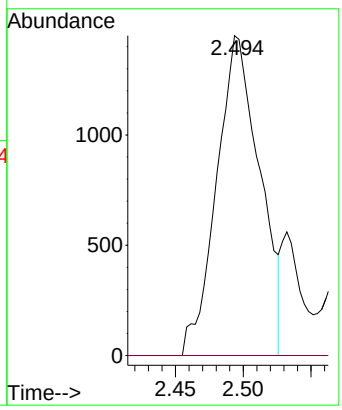


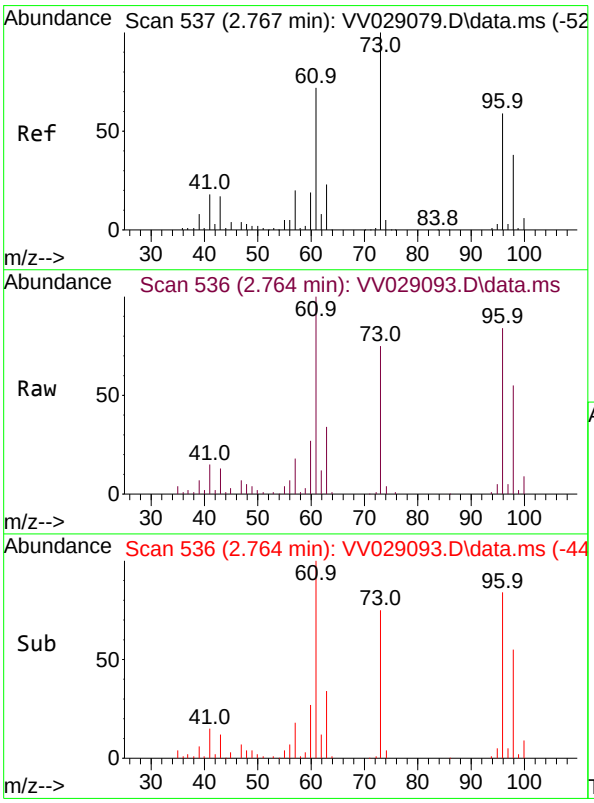
#15
Methyl Acetate
Concen: 0.808 ug/L
RT: 2.494 min Scan# 4
Delta R.T. 0.054 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Tgt Ion: 43 Resp: 3209

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.6	37.0#

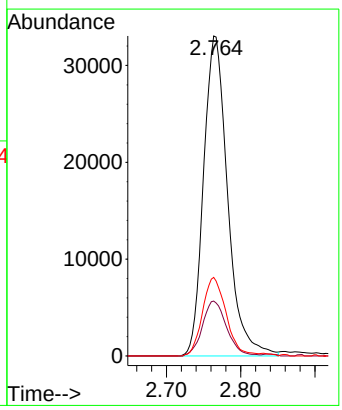


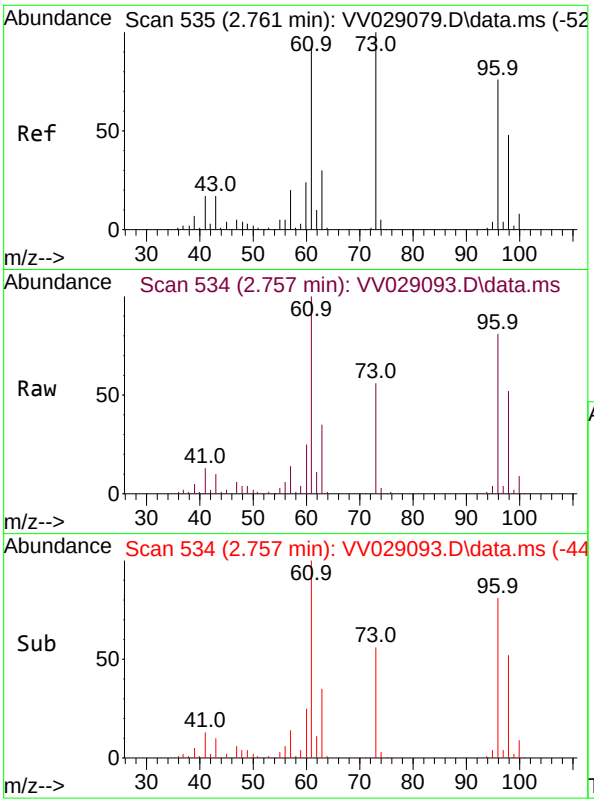


#17
Methyl tert-butyl Ether
Concen: 2.301 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 73 Resp: 74409

Ion	Ratio	Lower	Upper
73	100		
43	17.3	13.0	19.4
57	24.1	16.6	24.8



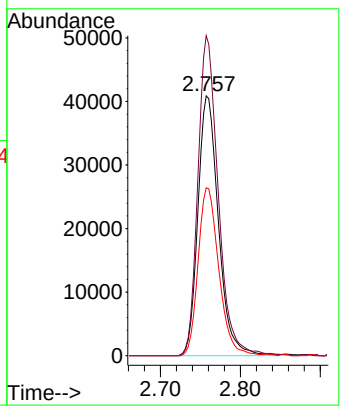


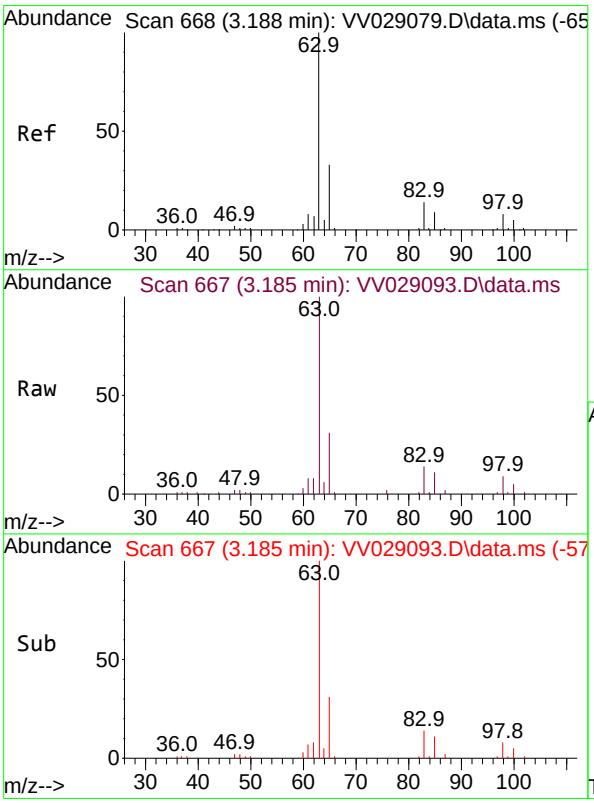
#18
trans-1,2-Dichloroethene
Concen: 4.187 ug/L
RT: 2.757 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Tgt Ion: 96 Resp: 73252

Ion	Ratio	Lower	Upper
96	100		
61	123.2	91.8	170.6
98	64.6	46.4	86.2

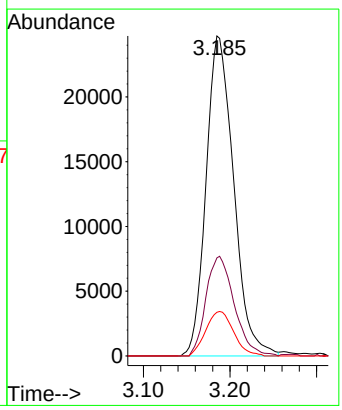


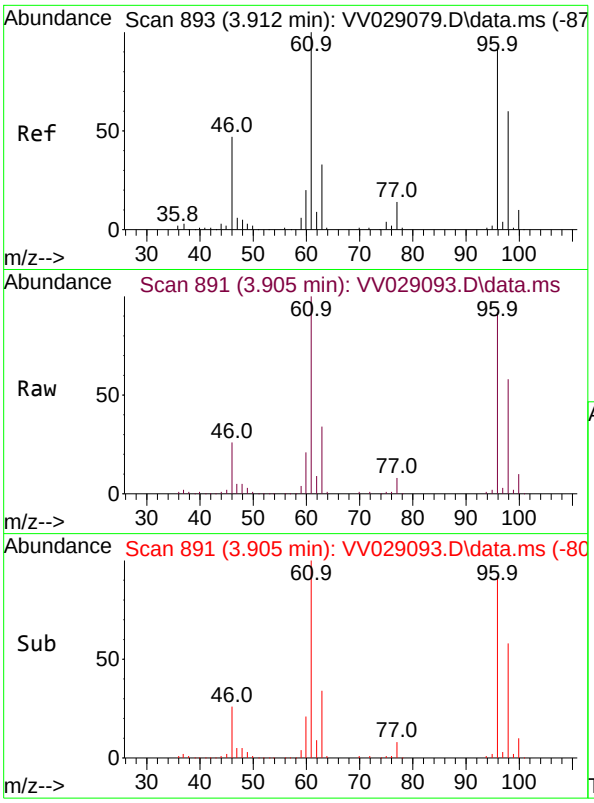


#19
1,1-Dichloroethane
Concen: 1.910 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 63 Resp: 54640

Ion	Ratio	Lower	Upper
63	100		
65	30.7	23.0	42.6
83	13.6	9.4	17.6



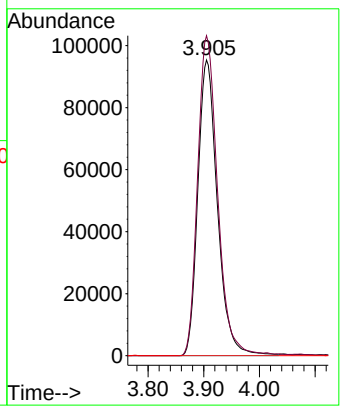


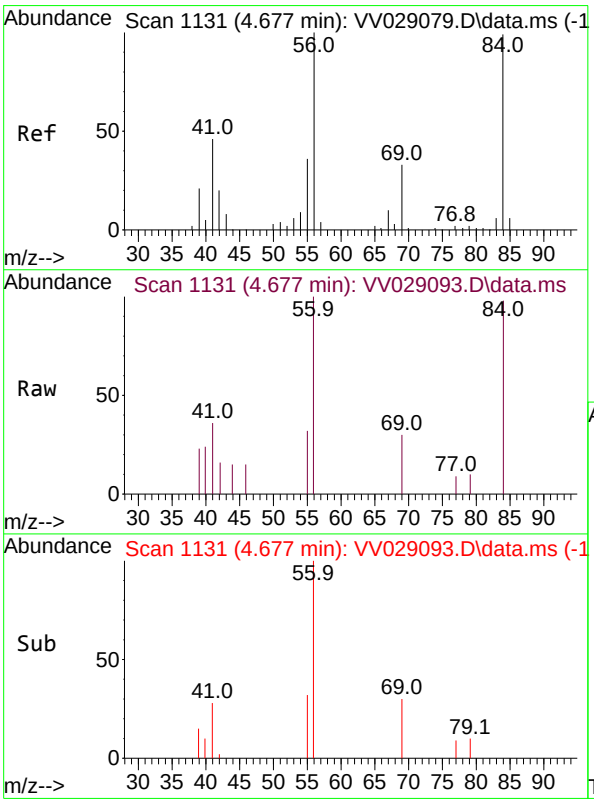
#22
cis-1,2-Dichloroethene
Concen: 13.106 ug/L
RT: 3.905 min Scan# 8
Delta R.T. -0.007 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Tgt Ion: 96 Resp: 233107

Ion	Ratio	Lower	Upper
96	100		
61	108.2	82.3	152.9
68	0.0	0.0	0.0

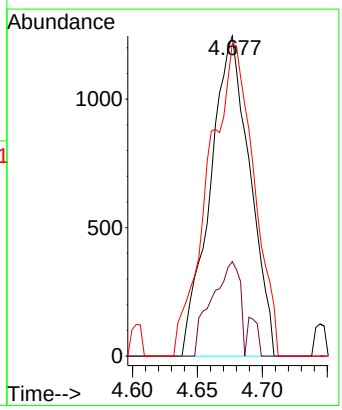


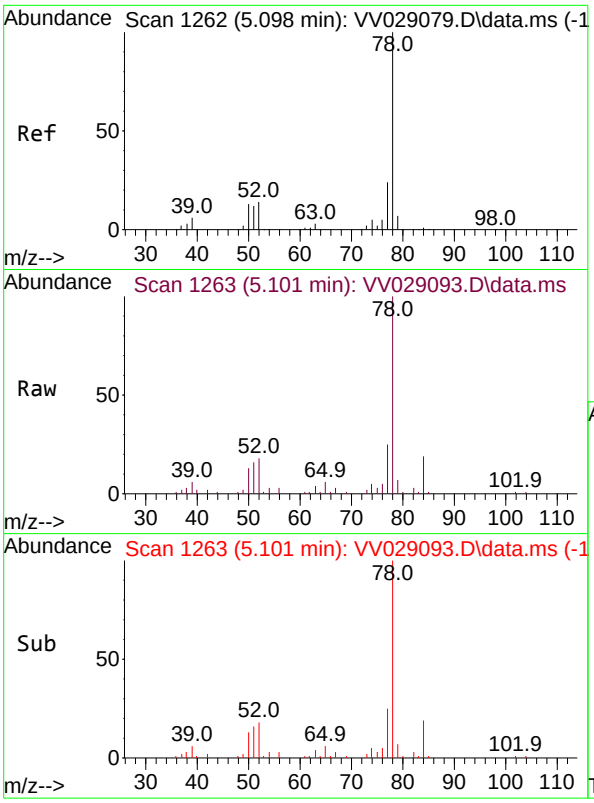


#30
Cyclohexane
Concen: 0.096 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 56 Resp: 2646

Ion	Ratio	Lower	Upper
56	100		
69	21.0	26.1	39.1#
84	112.0	77.9	116.9

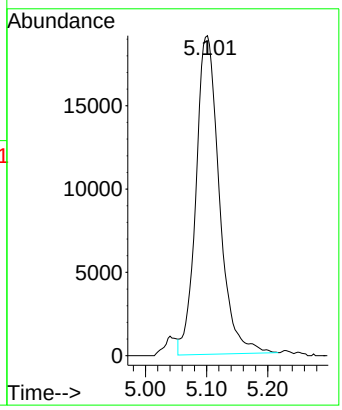


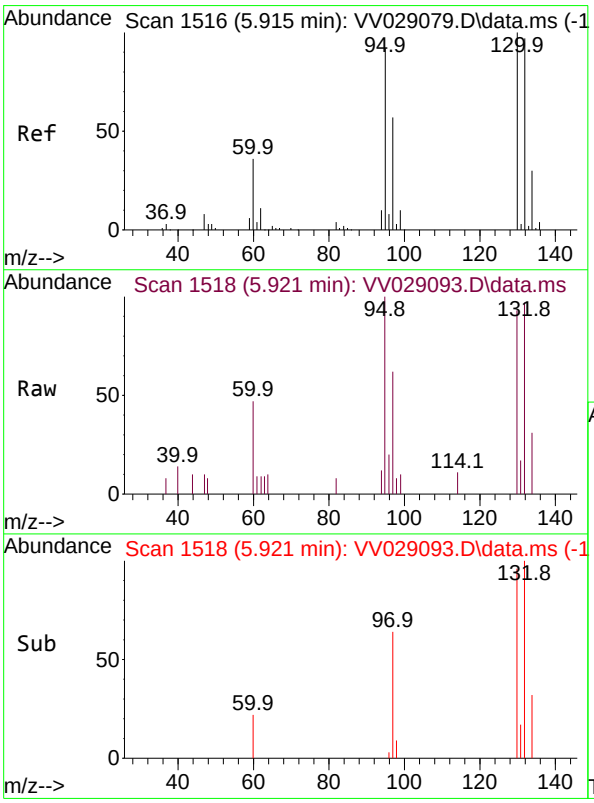


#33
Benzene
Concen: 0.718 ug/L
RT: 5.101 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Tgt Ion: 78 Resp: 50662

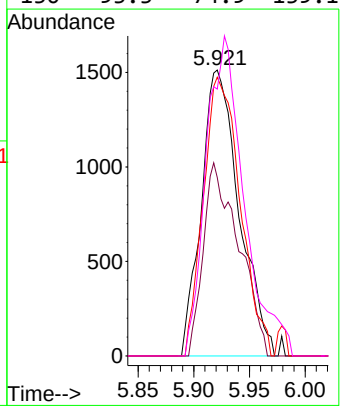


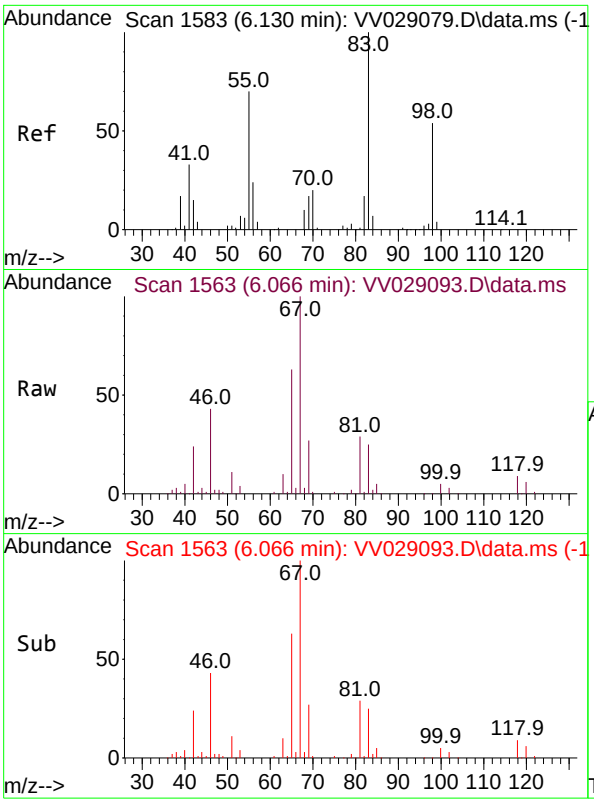


#34
Trichloroethene
Concen: 0.198 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 95 Resp: 3575

Ion	Ratio	Lower	Upper
95	100		
97	62.5	45.6	84.8
132	97.5	69.1	128.3
130	93.3	74.9	139.1



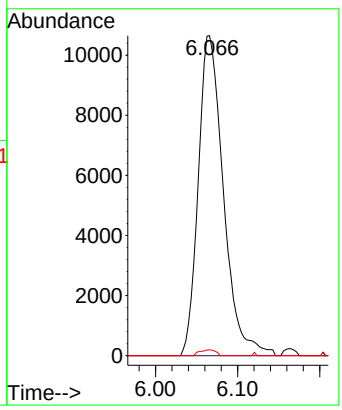


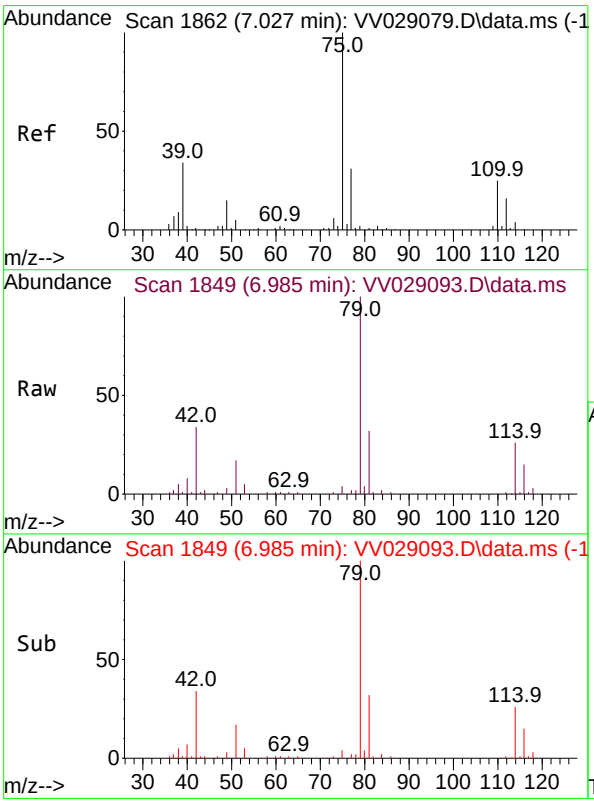
#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Tgt Ion: 83 Resp: 22704

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	1.2	38.2	57.2#

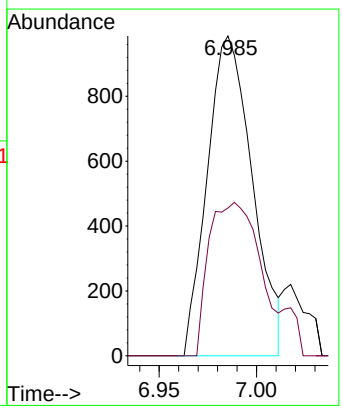


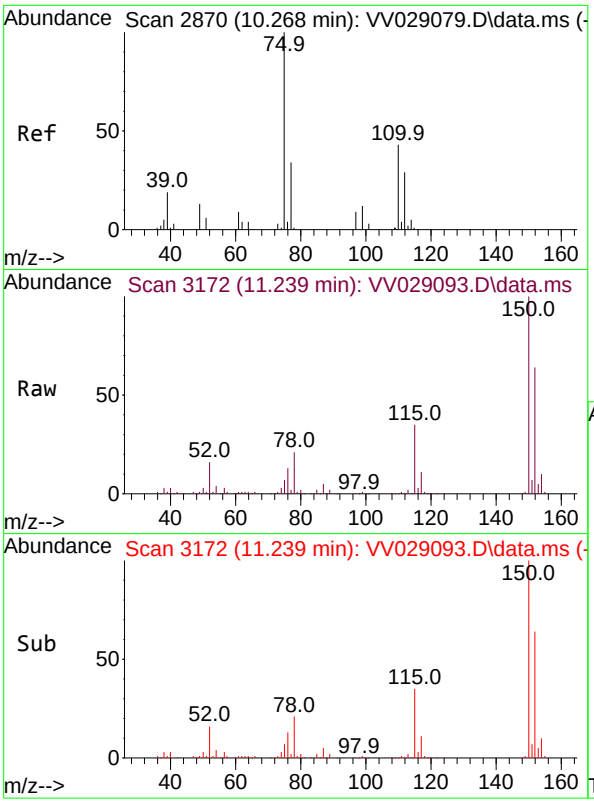


#39
cis-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 75 Resp: 1586

Ion	Ratio	Lower	Upper
75	100		
77	46.2	21.8	40.6#





#61
1,2,3-Trichloropropane
Concen: 1.467 ug/L
RT: 11.239 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Instrument :
MSVOA_V
ClientSampleId :
H46E9

Tgt Ion: 75 Resp: 10566

Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.2	39.2
110	2.7	32.6	48.8#