Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029036.D
Acq On : 16 Nov 2022 23:22
Operator : SY/MD
Sample : N5604-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E5

Quant Time: Nov 17 05:35:16 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	5.612	114	269063	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	244990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	116535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	74743	4.557	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.200%			
7) Chloroethane-d5	1.568	69	59594	4.133	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.600%			
11) 1,1-Dichloroethene-d2	2.108	63	98111	3.282	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.600%			
20) 2-Butanone-d5	3.889	46	160924	58.606	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.220%			
24) Chloroform-d	4.342	84	156883	4.658	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.030	65	74772	4.935	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.047	84	338538	4.629	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	6.066	67	95940	4.698	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.310	98	311958	4.739	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
43) trans-1,3-Dichloroprop...	7.622	79	32431	4.870	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.400%			
46) 2-Hexanone-d5	8.088	63	131570	46.283	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.560%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71294	5.036	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	11.615	152	118065	5.663	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1975	0.106	ug/L	91
5) Vinyl chloride	1.310	62	210251	9.902	ug/L	96
6) Bromomethane	1.523	94	601	0.047	ug/L	78
8) Chloroethane	1.388	64	281660	22.574	ug/L #	52
14) Carbon disulfide	2.291	76	5854	0.101	ug/L #	92
17) Methyl tert-butyl Ether	2.764	73	145995	4.181	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	19851	1.051	ug/L	94
19) 1,1-Dichloroethane	3.191	63	11497	0.372	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	28663	1.492	ug/L	96
35) Methylcyclohexane	6.066	83	24629	0.731	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9758	0.565	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2101	0.087	ug/L #	49
61) 1,2,3-Trichloropropane	11.242	75	11137	1.398	ug/L #	66

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

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Quant Time: Nov 17 05:35:16 2022
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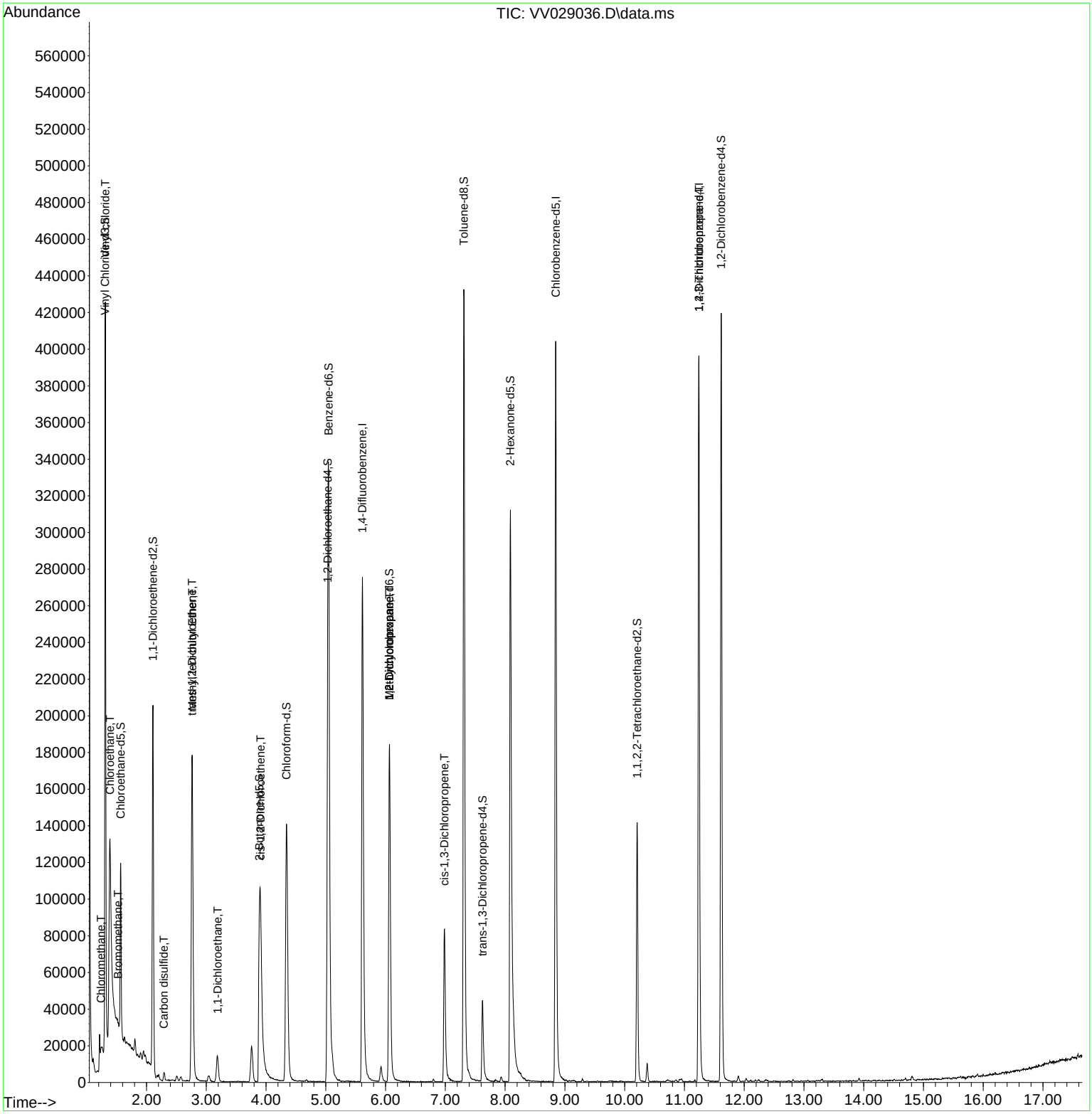
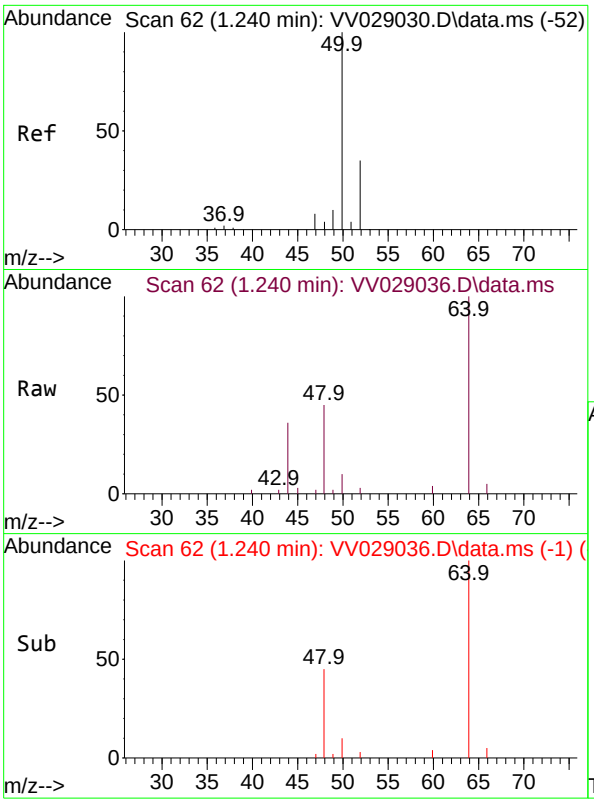
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration



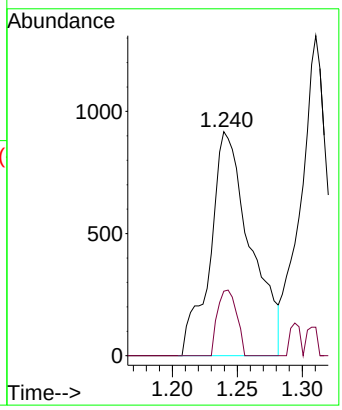


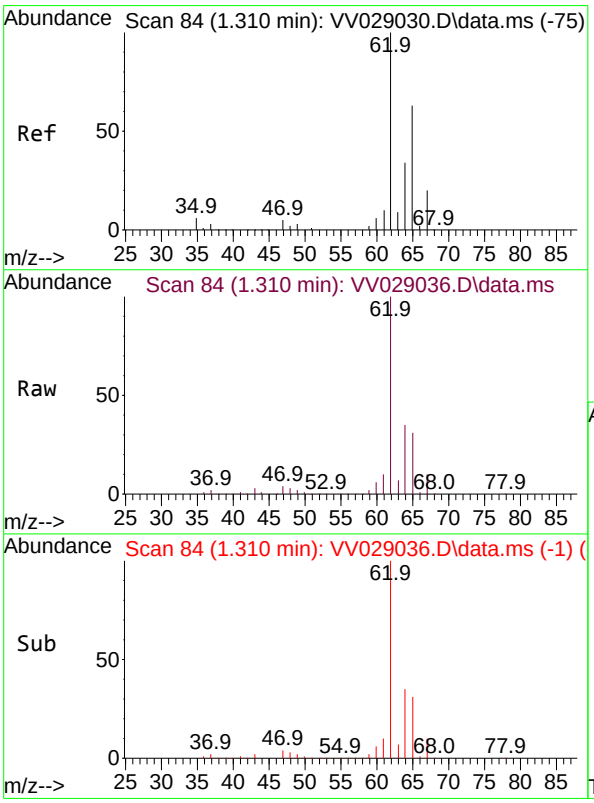
#3
Chloromethane
Concen: 0.106 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Instrument :
MSVOA_V
ClientSampleId :
H46E5

Tgt Ion: 50 Resp: 1975

Ion	Ratio	Lower	Upper
50	100		
52	28.8	23.7	43.9

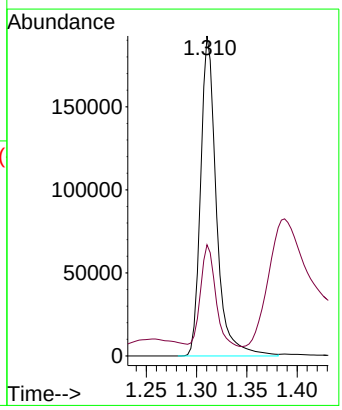


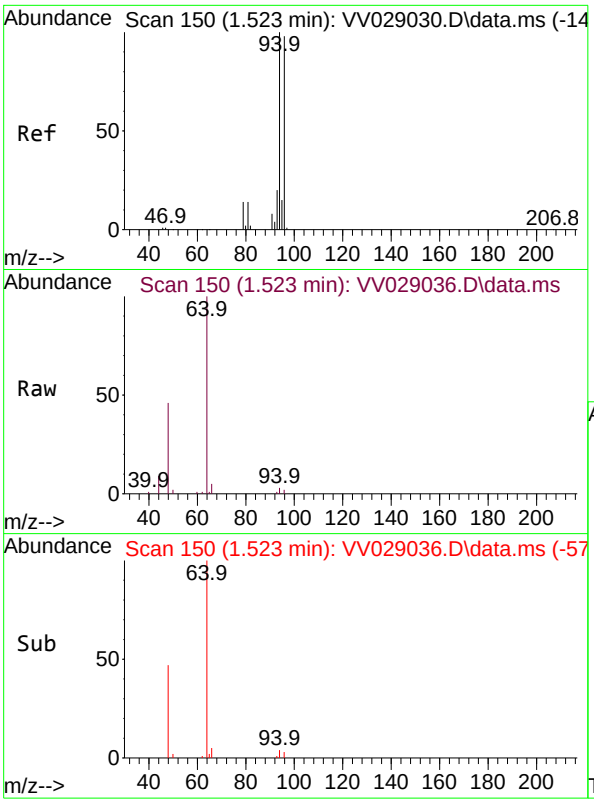


#5
Vinyl chloride
Concen: 9.902 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Tgt Ion: 62 Resp: 210251

Ion	Ratio	Lower	Upper
62	100		
64	34.8	22.8	42.4



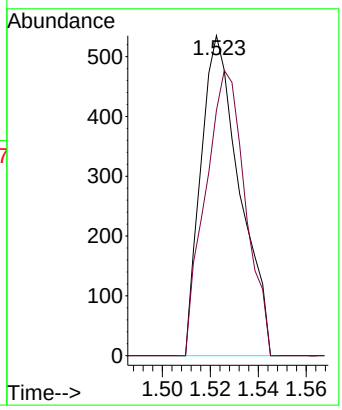


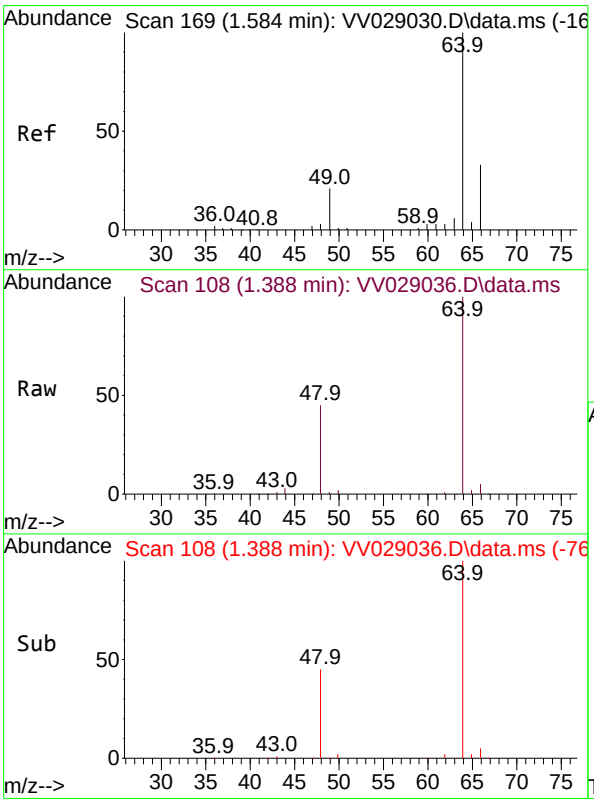
#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Instrument :
MSVOA_V
ClientSampleId :
H46E5

Tgt Ion: 94 Resp: 601

Ion	Ratio	Lower	Upper
94	100		
96	76.6	68.5	127.3

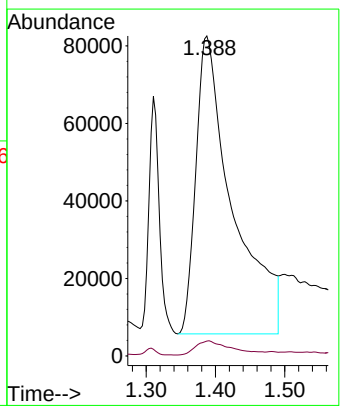


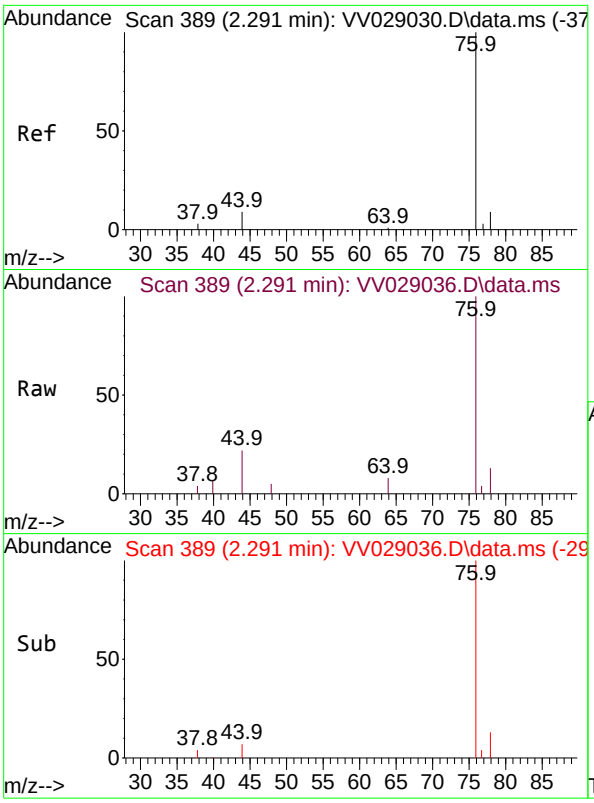


#8
Chloroethane
Concen: 22.574 ug/L
RT: 1.388 min Scan# 108
Delta R.T. -0.196 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Tgt Ion: 64 Resp: 281660

Ion	Ratio	Lower	Upper
64	100		
66	4.7	22.0	40.8#



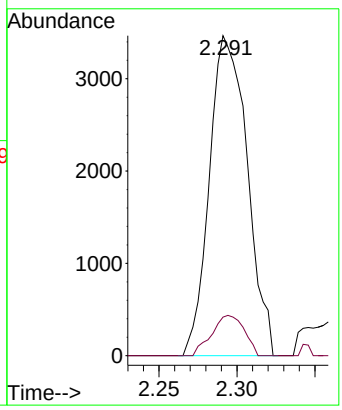


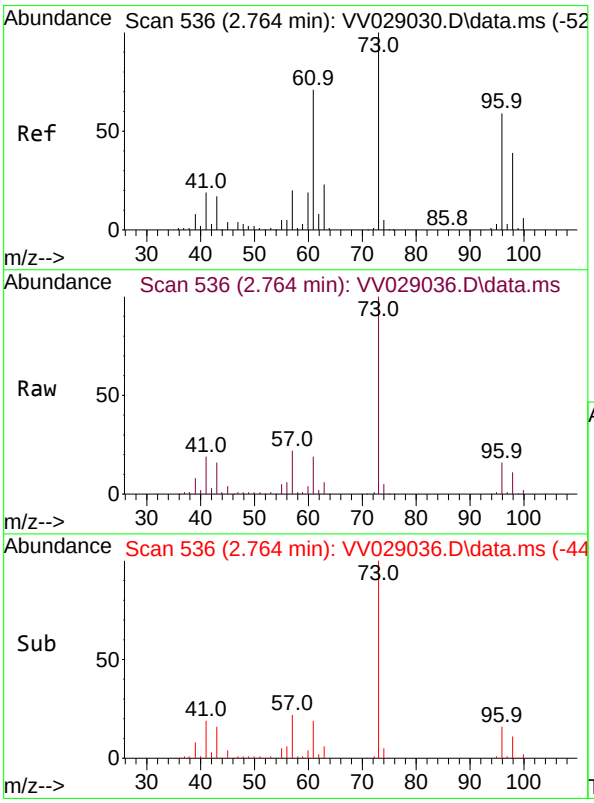
#14
Carbon disulfide
Concen: 0.101 ug/L
RT: 2.291 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Instrument :
MSVOA_V
ClientSampleId :
H46E5

Tgt Ion: 76 Resp: 5854

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.4	11.2#

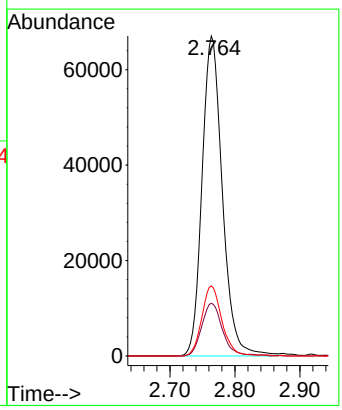


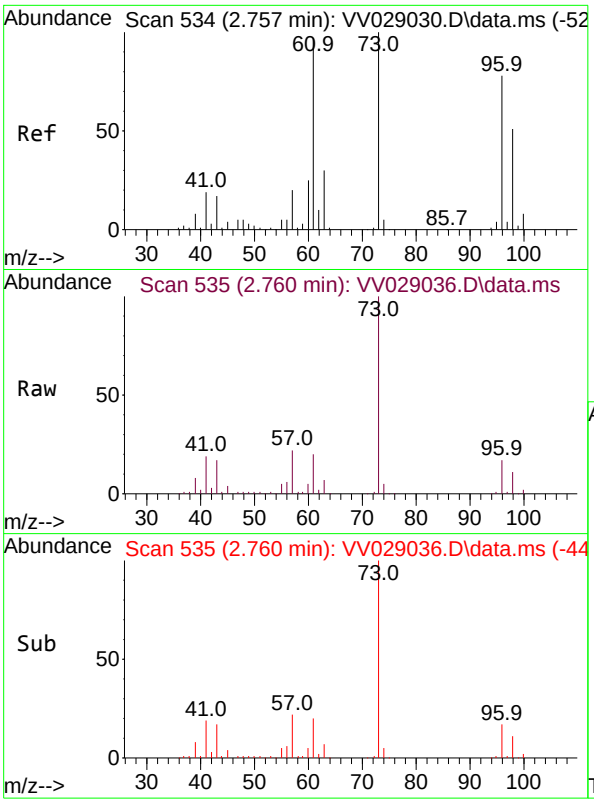


#17
Methyl tert-butyl Ether
Concen: 4.181 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Tgt Ion: 73 Resp: 145995

Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.0	19.4
57	21.6	16.6	24.8



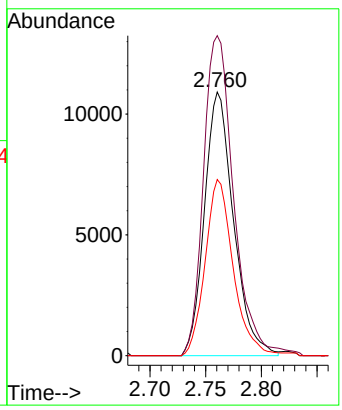


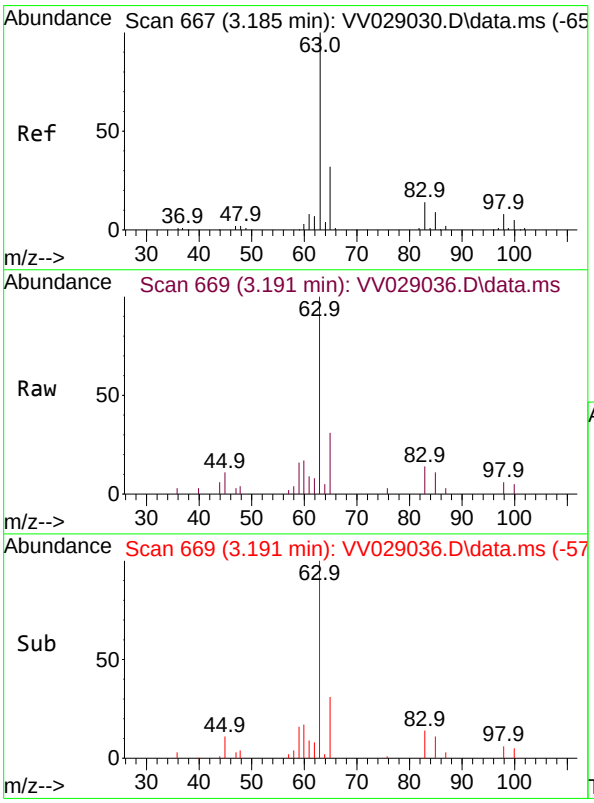
#18
trans-1,2-Dichloroethene
Concen: 1.051 ug/L
RT: 2.760 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Instrument :
MSVOA_V
ClientSampleId :
H46E5

Tgt Ion: 96 Resp: 19851

Ion	Ratio	Lower	Upper
96	100		
61	121.3	91.8	170.6
98	66.8	46.4	86.2

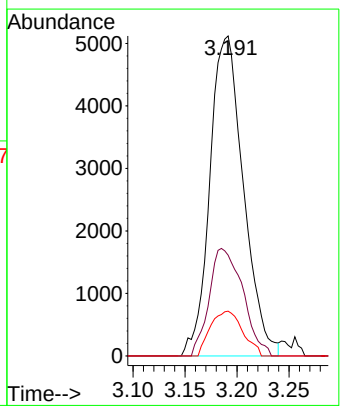


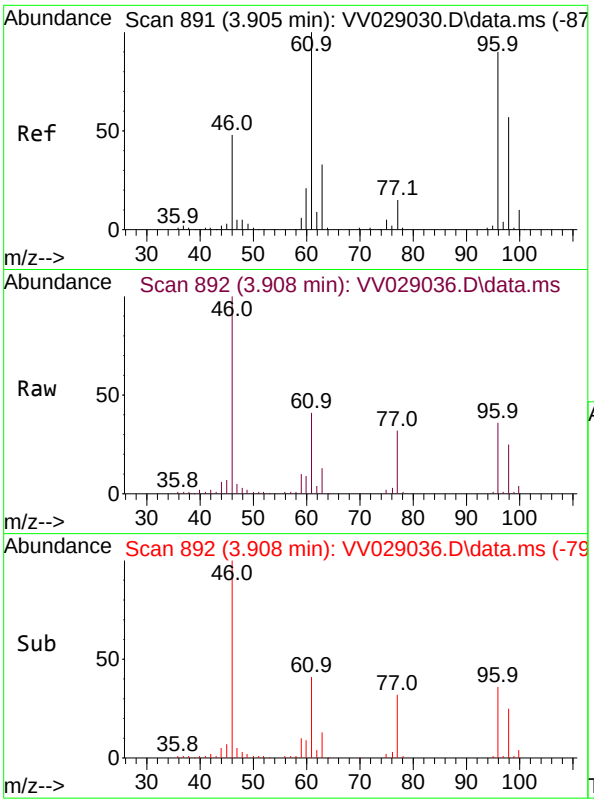


#19
1,1-Dichloroethane
Concen: 0.372 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Tgt Ion: 63 Resp: 11497

Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.0	42.6
83	14.0	9.4	17.6



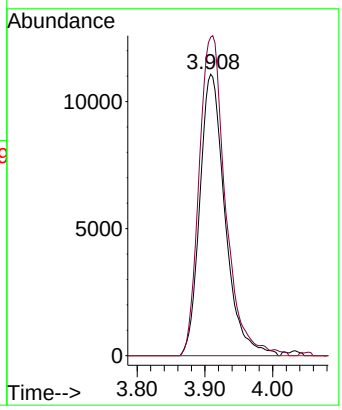


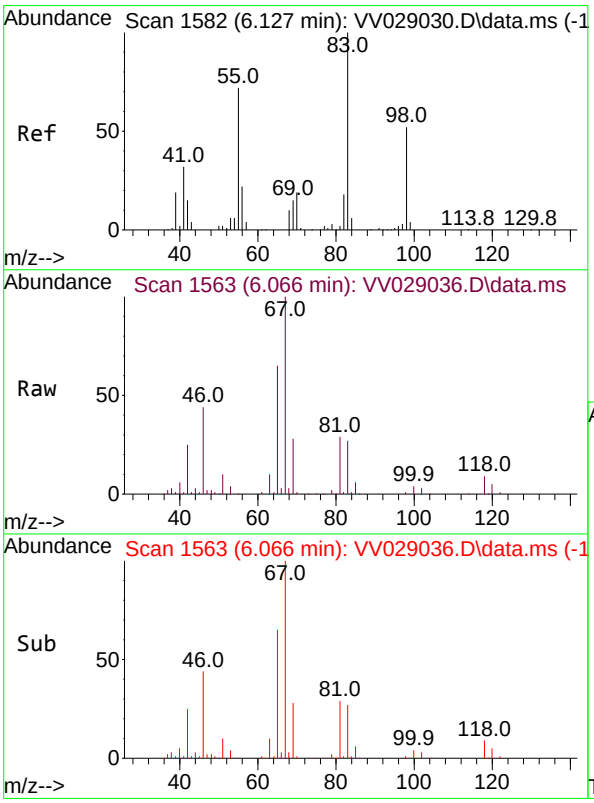
#22
cis-1,2-Dichloroethene
Concen: 1.492 ug/L
RT: 3.908 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Instrument :
MSVOA_V
ClientSampleId :
H46E5

Tgt Ion: 96 Resp: 28663

Ion	Ratio	Lower	Upper
96	100		
61	113.2	82.3	152.9
68	0.0	0.0	0.0

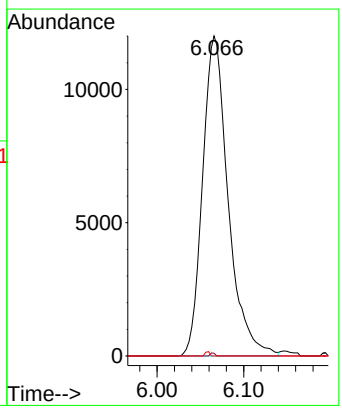


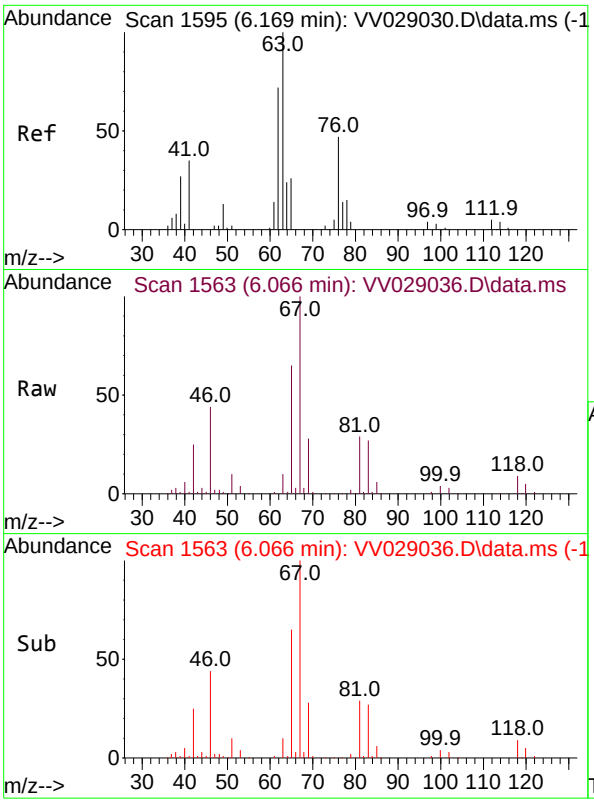


#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Tgt Ion: 83 Resp: 24629

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



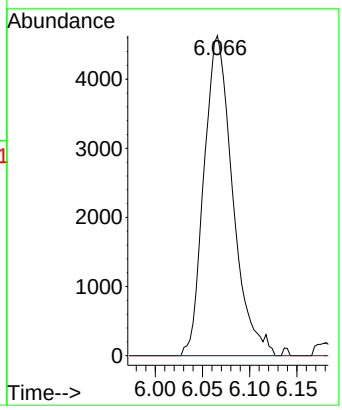


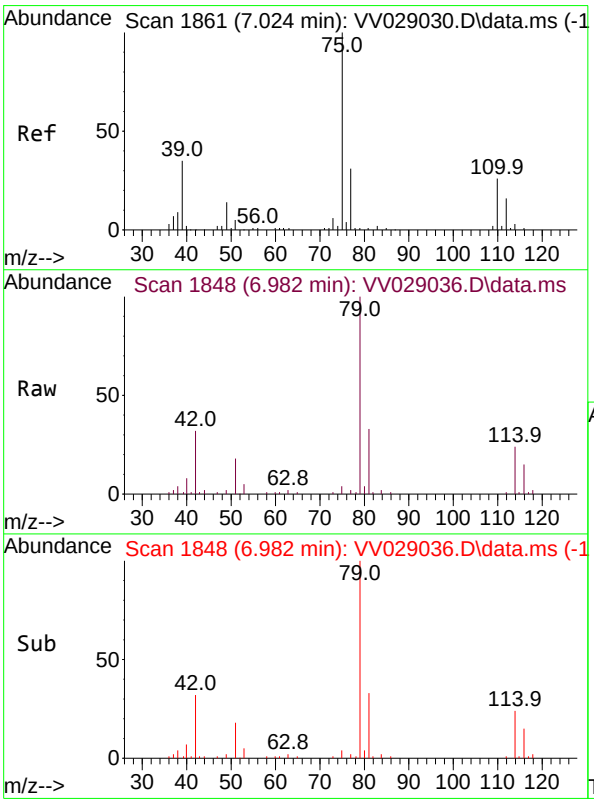
#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Instrument :
MSVOA_V
ClientSampleId :
H46E5

Tgt Ion: 63 Resp: 9758

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

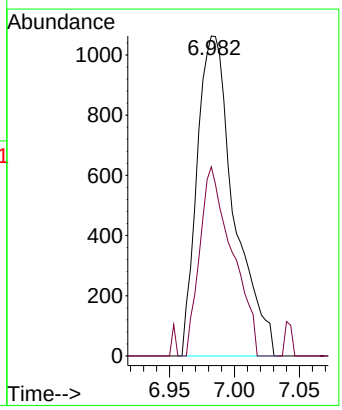


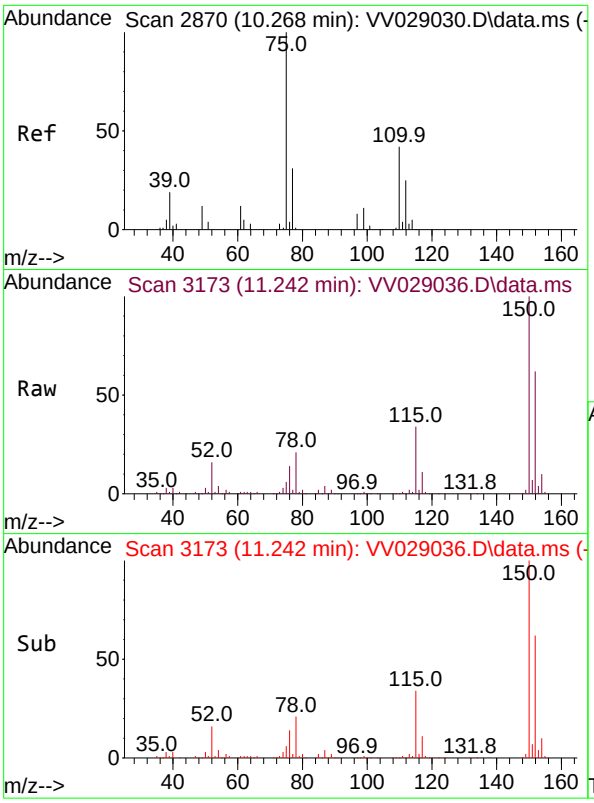


#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.042 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Tgt Ion: 75 Resp: 2101

Ion	Ratio	Lower	Upper
75	100		
77	59.1	21.8	40.6#





#61
1,2,3-Trichloropropane
Concen: 1.398 ug/L
RT: 11.242 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Instrument :
MSVOA_V
ClientSampleId :
H46E5

Tgt Ion: 75 Resp: 11137

Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.2	39.2
110	3.5	32.6	48.8#