Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
Data File : VV027468.D
Acq On : 22 Aug 2022 15:21
Operator : SY/MD
Sample : N4252-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 23 03:13:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 23 03:03:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.616	114	110637	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111119	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48707	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	37377	4.747 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.000%		
7) Chloroethane-d5	1.565	69	38589	6.696 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 134.000%#		
11) 1,1-Dichloroethene-d2	2.105	63	69355	3.777 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.600%		
20) 2-Butanone-d5	3.889	46	50958	52.002 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.000%		
24) Chloroform-d	4.346	84	81976	5.207 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.200%		
26) 1,2-Dichloroethane-d4	5.031	65	37320	5.479 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.600%		
32) Benzene-d6	5.050	84	149499	4.857 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%		
36) 1,2-Dichloropropane-d6	6.069	67	46254	5.169 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%		
41) Toluene-d8	7.317	98	116856	4.205 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%		
43) trans-1,3-Dichloroprop...	7.629	79	14333	4.678 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.600%		
46) 2-Hexanone-d5	8.092	63	44805	44.425 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.840%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28854	5.064 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	37427	5.184 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.600%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.131	85	775	0.066 ug/L #	80
3) Chloromethane	1.240	50	4190	0.409 ug/L	91
6) Bromomethane	1.516	94	579	0.113 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	9687	1.047 ug/L	95
12) 1,1-Dichloroethene	2.108	96	1011	0.121 ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	4218	0.489 ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	121307	13.199 ug/L	94
29) 1,1,1-Trichloroethane	4.606	97	587	0.034 ug/L #	84
34) Trichloroethene	5.912	95	107997	11.108 ug/L	96
37) 1,2-Dichloropropane	6.069	63	5796	0.588 ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1145	0.096 ug/L	87
47) Tetrachloroethene	7.976	164	5472	0.722 ug/L	94
49) Dibromochloromethane	7.976	129	4891	0.632 ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	5610	1.313 ug/L #	65

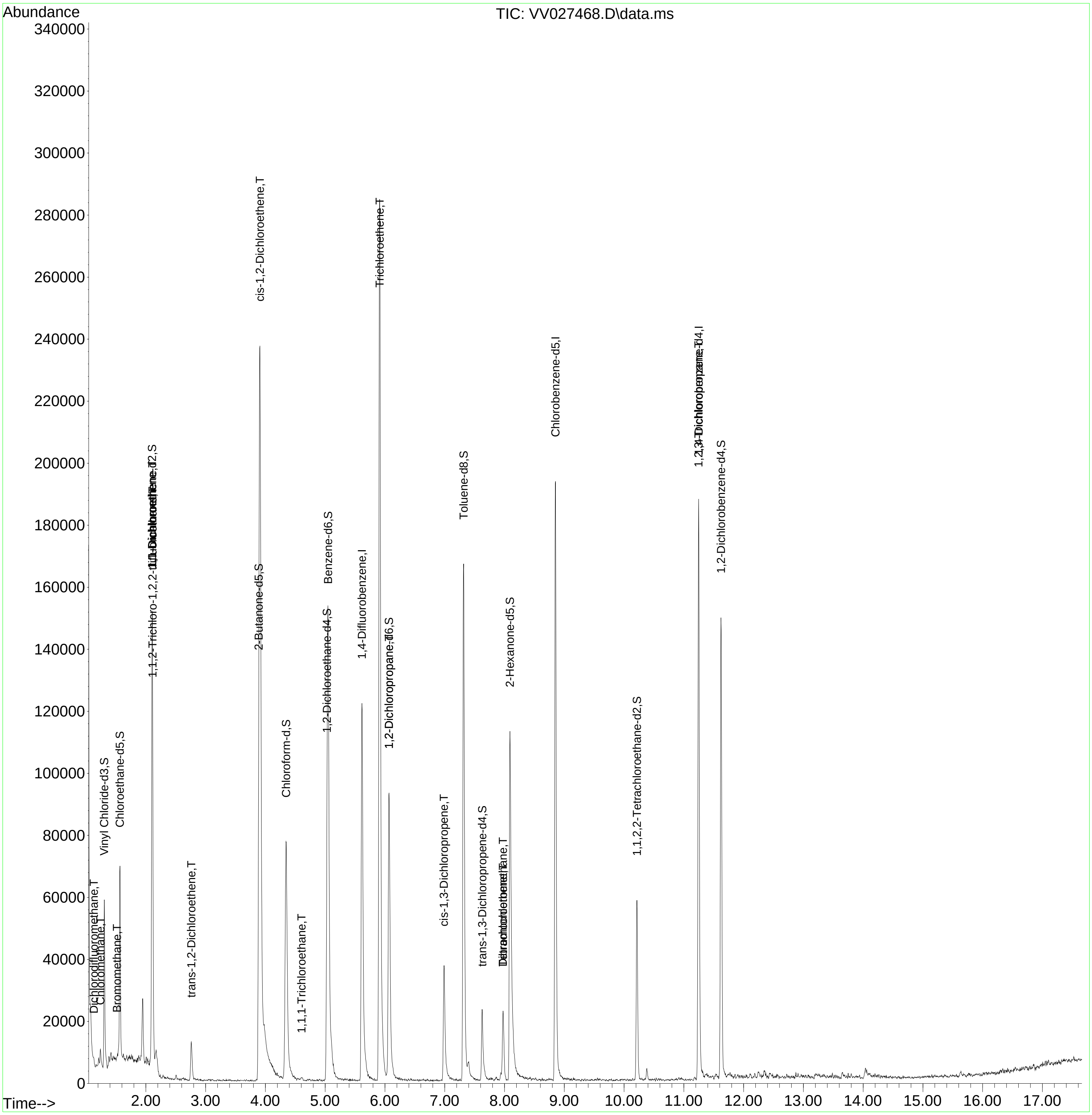
(#) = qualifier out of range (m) = manual integration (+) = signals summed

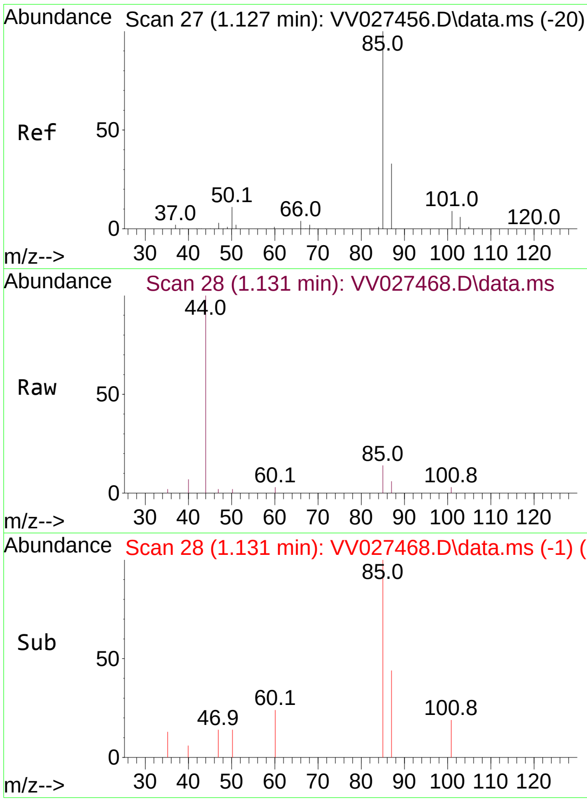
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
Data File : VV027468.D
Acq On : 22 Aug 2022 15:21
Operator : SY/MD
Sample : N4252-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 23 03:13:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 23 03:03:07 2022
Response via : Initial Calibration





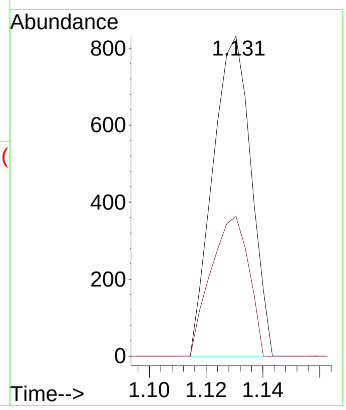
#2
Dichlorodifluoromethane
Concen: 0.066 ug/L
RT: 1.131 min Scan# 2

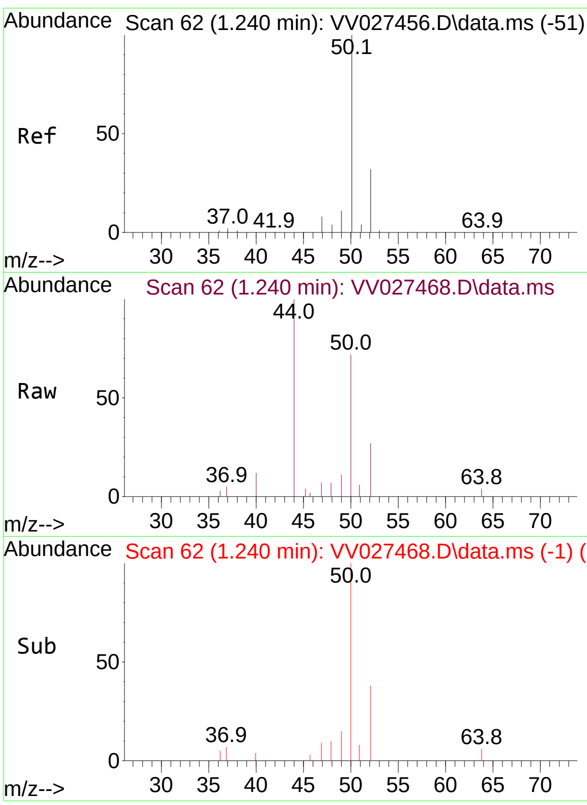
Instrument :
MSVOA_V
ClientSampleId :

Delta R.T. 0.003 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Tgt Ion: 85 Resp: 775

Ion	Ratio	Lower	Upper
85	100		
87	43.5	26.0	39.0#

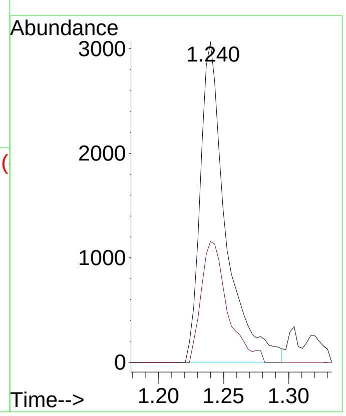


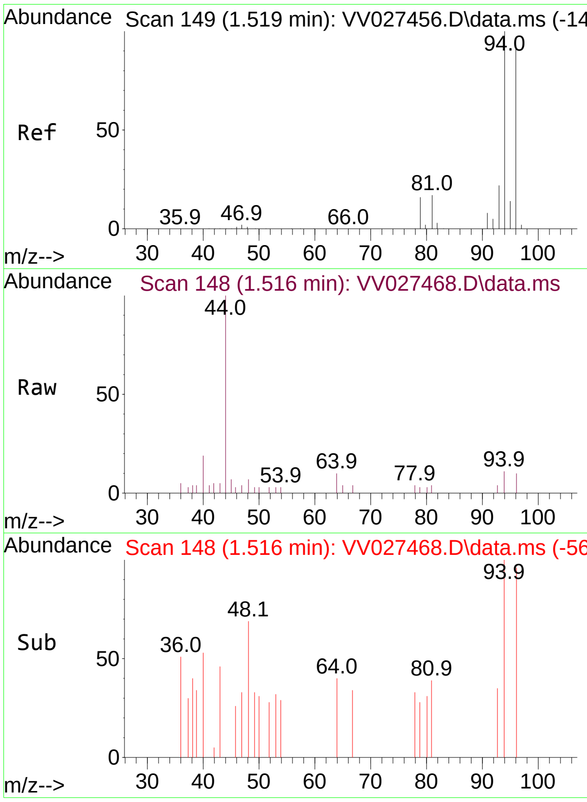


#3
Chloromethane
Concen: 0.409 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Tgt Ion: 50 Resp: 4190

Ion	Ratio	Lower	Upper
50	100		
52	37.8	22.8	42.4



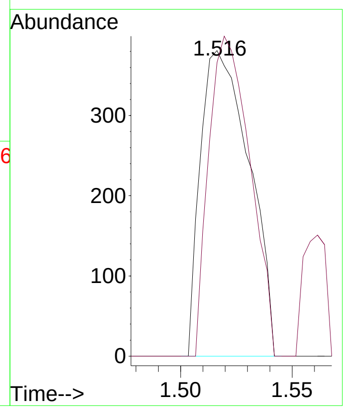


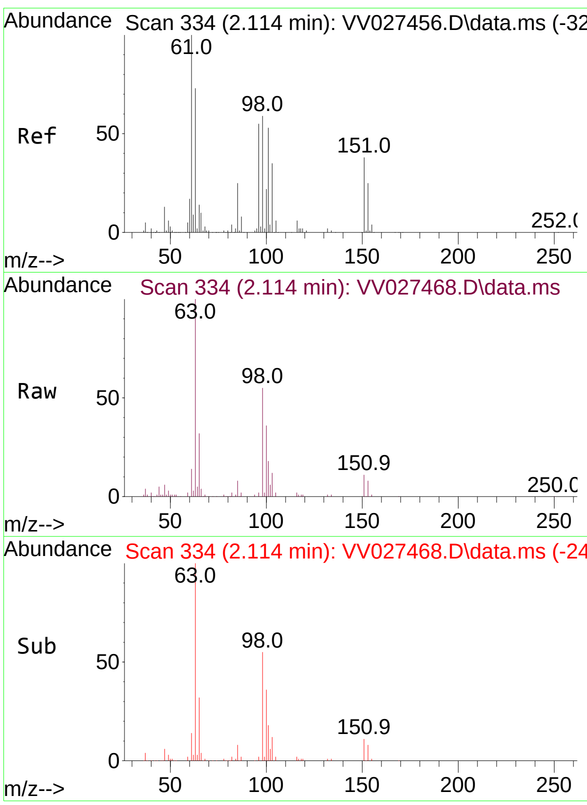
#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 579

Ion	Ratio	Lower	Upper
94	100		
96	96.1	65.2	121.0

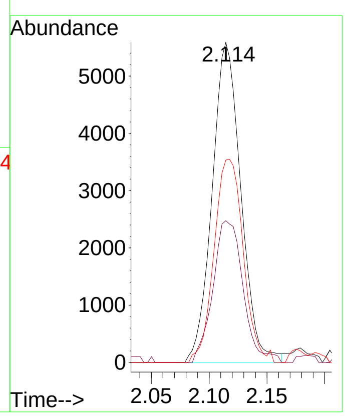


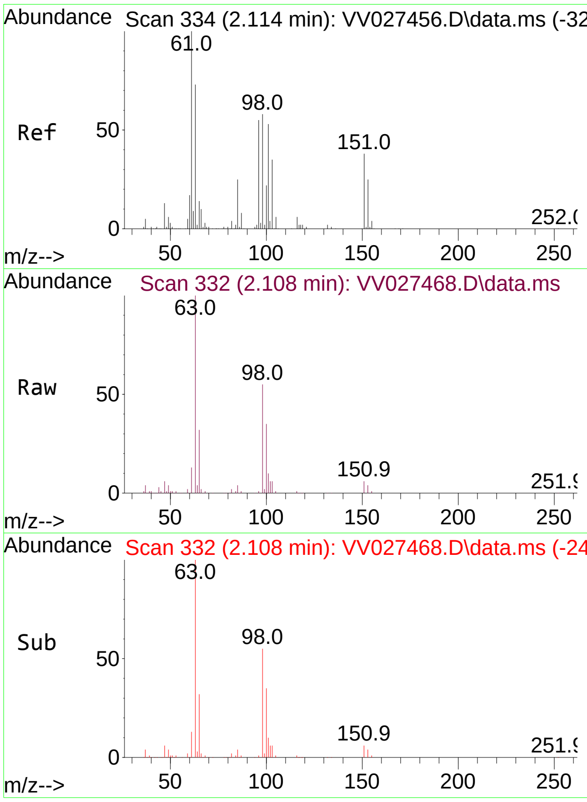


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.047 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Tgt Ion:101 Resp: 9687

Ion	Ratio	Lower	Upper
101	100		
85	46.3	35.3	52.9
151	64.4	55.2	82.8



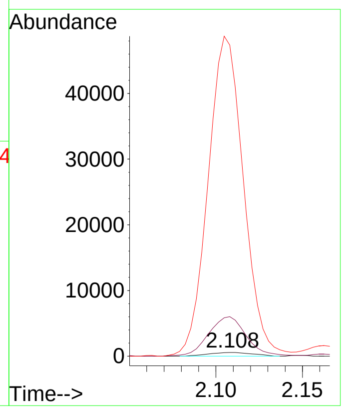


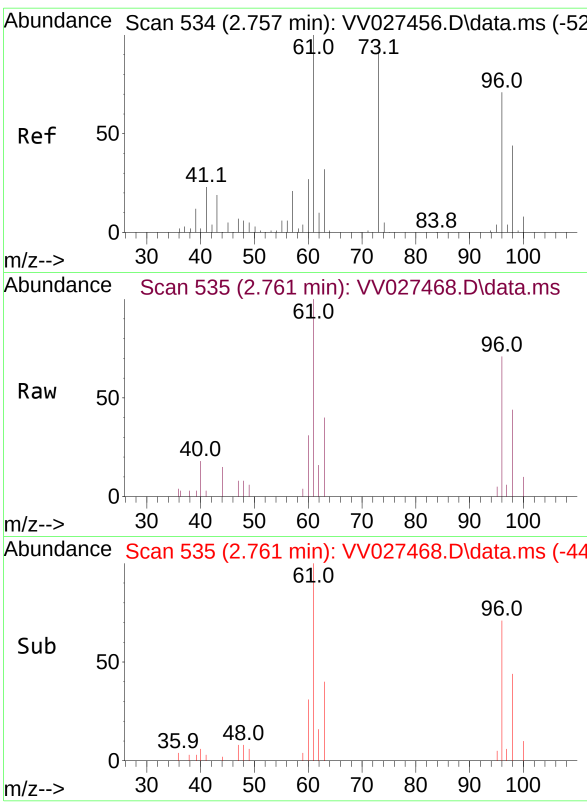
#12
1,1-Dichloroethene
Concen: 0.121 ug/L
RT: 2.108 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1011

Ion	Ratio	Lower	Upper
96	100		
61	1060.0	130.2	241.8#
63	8352.7	87.4	162.4#

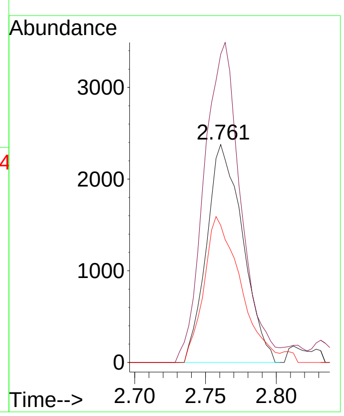


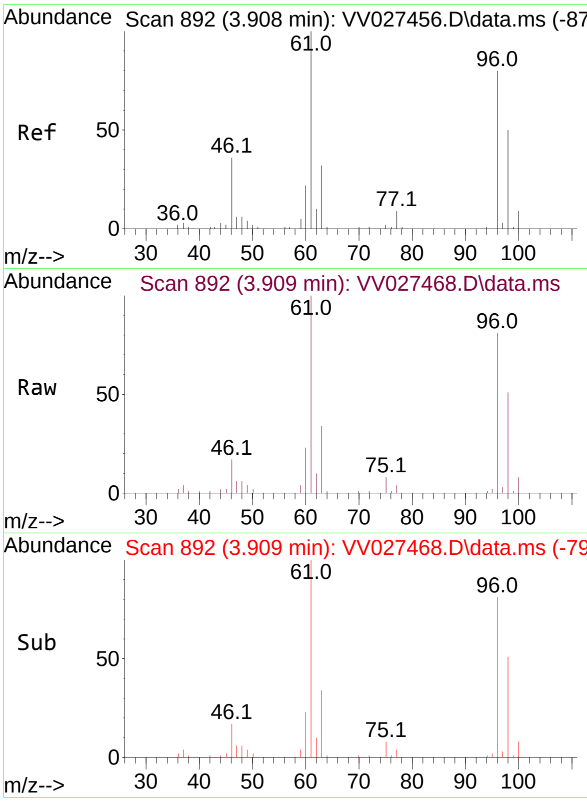


#18
trans-1,2-Dichloroethene
Concen: 0.489 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Tgt Ion: 96 Resp: 4218

Ion	Ratio	Lower	Upper
96	100		
61	141.4	97.6	181.4
98	62.9	45.9	85.3



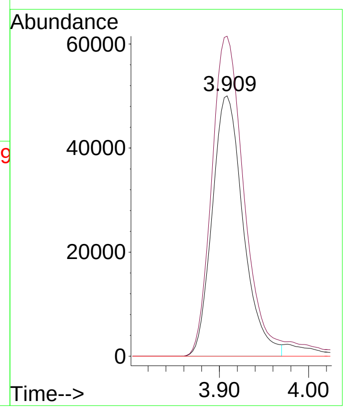


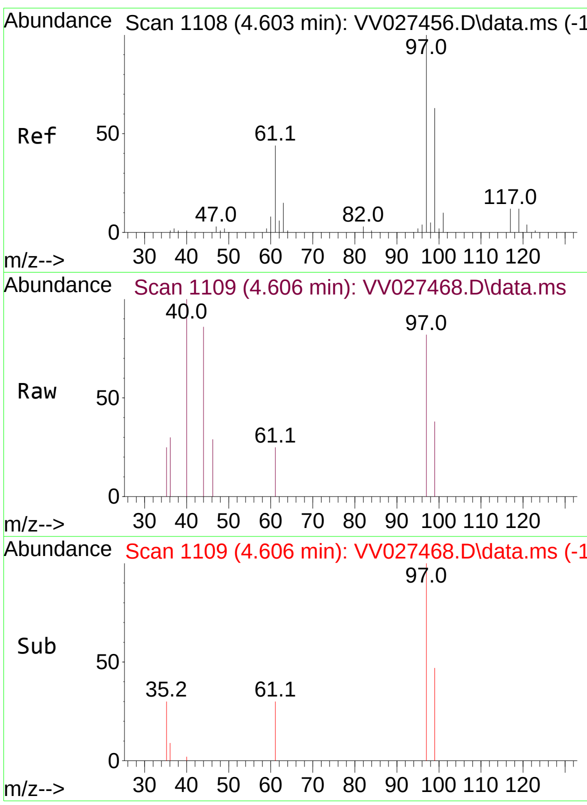
#22
cis-1,2-Dichloroethene
Concen: 13.199 ug/L
RT: 3.909 min Scan# 89
Delta R.T. 0.000 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 121307

Ion	Ratio	Lower	Upper
96	100		
61	122.9	90.6	168.2
68	0.0	0.0	0.0

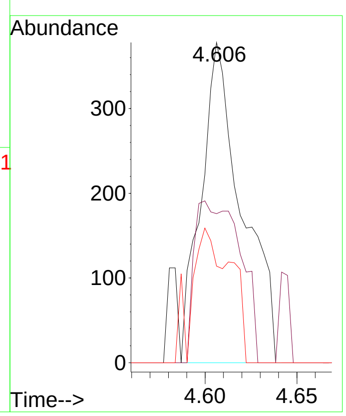


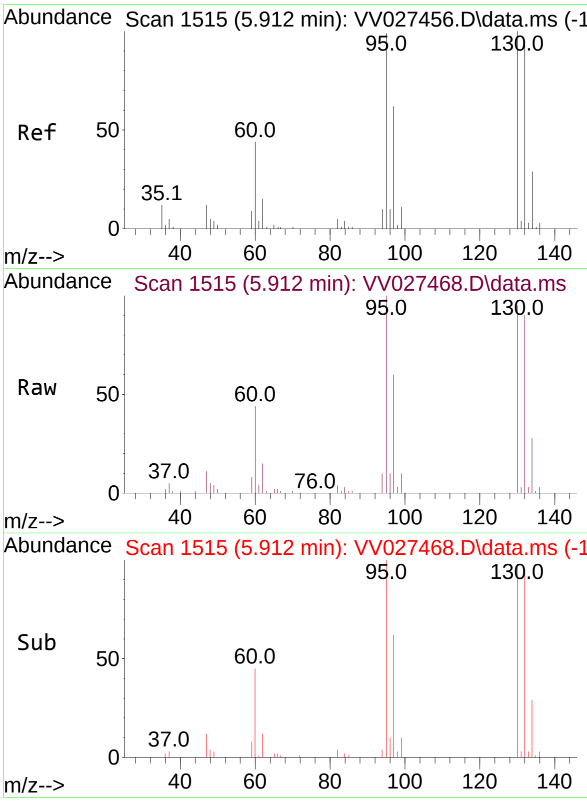


#29
1,1,1-Trichloroethane
Concen: 0.034 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Tgt Ion: 97 Resp: 587

Ion	Ratio	Lower	Upper
97	100		
99	56.7	51.1	76.7
61	28.4	35.9	53.9#





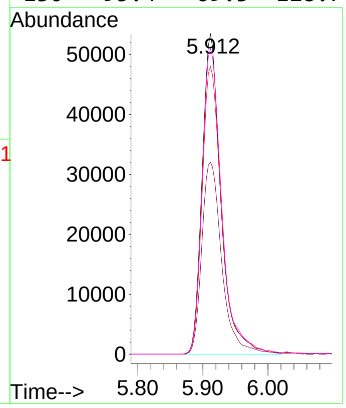
#34
Trichloroethene
Concen: 11.108 ug/L
RT: 5.912 min   Scan# 1

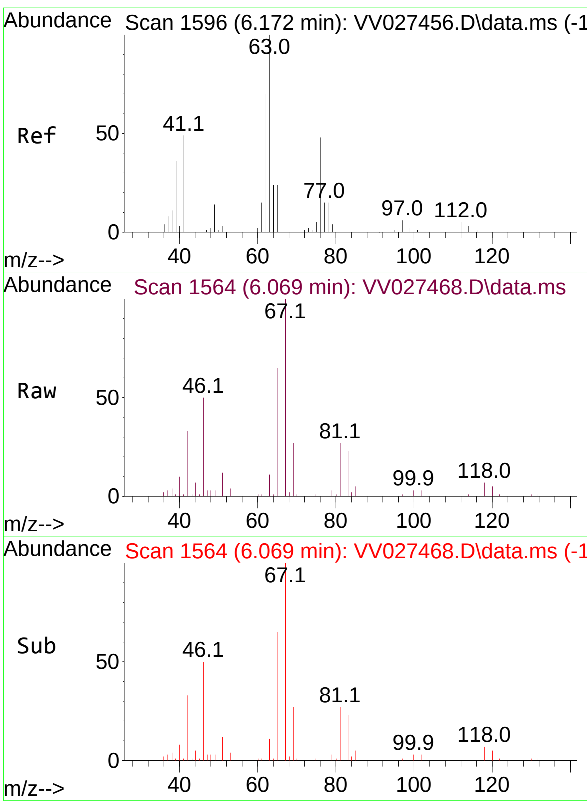
Instrument :
MSVOA_V
ClientSampleId :

Delta R.T.   0.000 min
Lab File: VV027468.D
Acq: 22 Aug 2022   15:21

Tgt Ion: 95 Resp: 107997

Ion	Ratio	Lower	Upper
95	100		
97	60.0	45.0	83.6
132	89.9	65.7	121.9
130	95.4	69.3	128.7

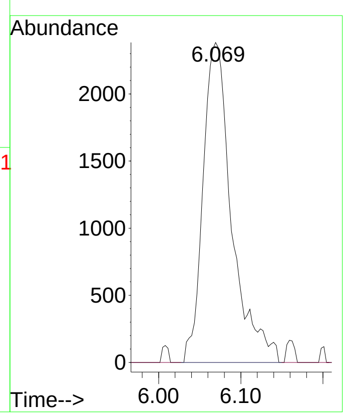


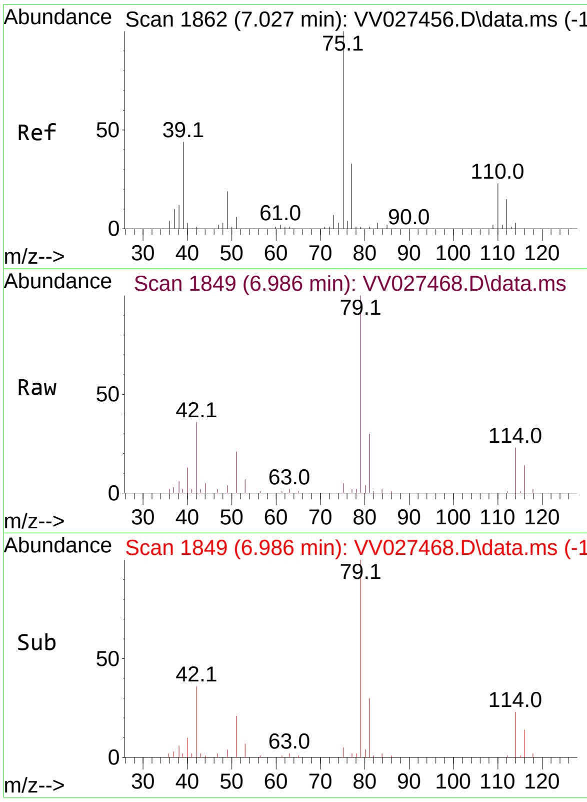


#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.069 min   Scan# 1564
Delta R.T.   -0.103 min
Lab File: VV027468.D
Acq: 22 Aug 2022   15:21

Tgt Ion: 63 Resp: 5796

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#



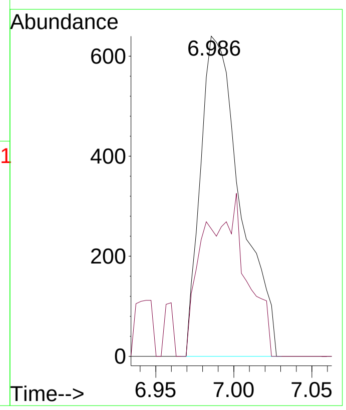


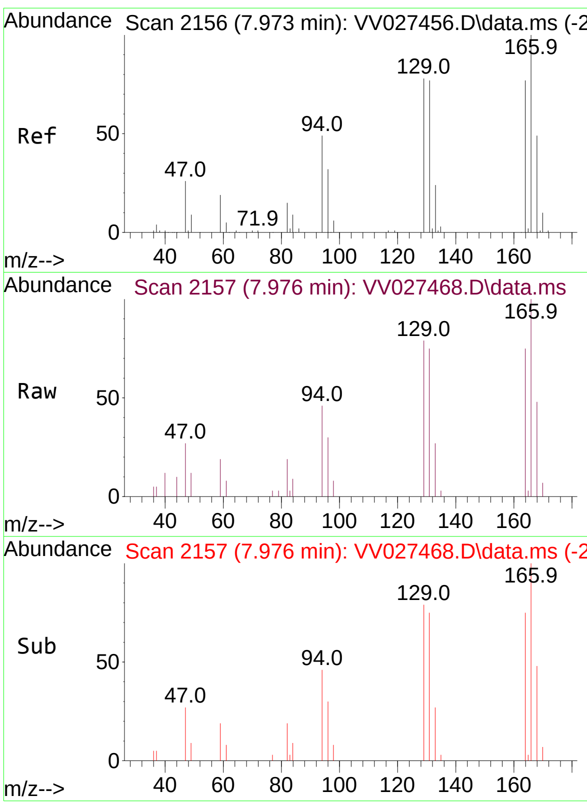
#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 6.986 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1145

Ion	Ratio	Lower	Upper
75	100		
77	39.8	22.9	42.5

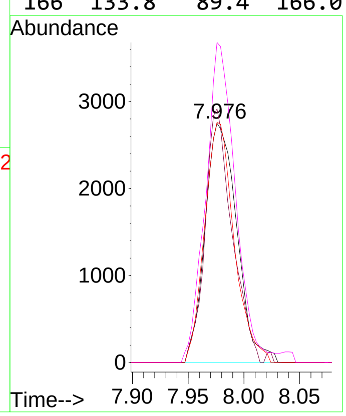


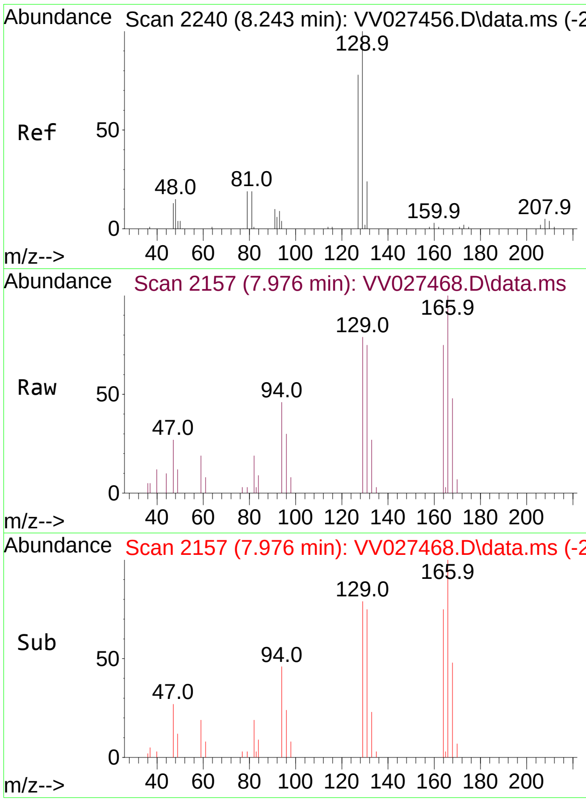


#47
Tetrachloroethene
Concen: 0.722 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Tgt Ion:164 Resp: 5472

Ion	Ratio	Lower	Upper
164	100		
129	106.0	71.1	132.1
131	100.4	64.5	119.9
166	133.8	89.4	166.0



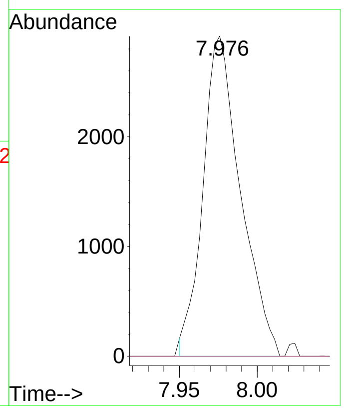


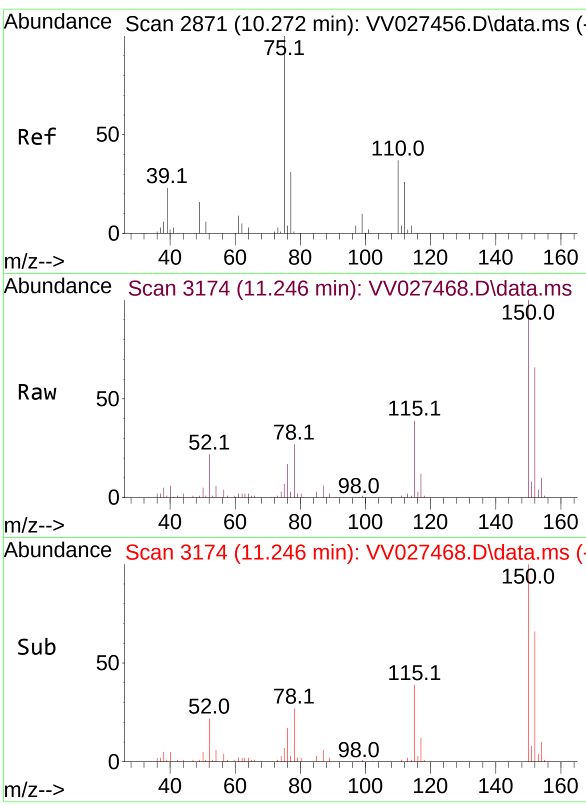
#49
Dibromochloromethane
Concen: 0.632 ug/L
RT: 7.976 min Scan# 2
Delta R.T. -0.267 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 4891

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.7#





#61
1,2,3-Trichloropropane
Concen: 1.313 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027468.D
Acq: 22 Aug 2022 15:21

Tgt Ion: 75 Resp: 5610

Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.2	39.2
110	1.6	29.9	44.9#