Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112022\
Data File : VV029232.D
Acq On : 20 Nov 2022 18:04
Operator : SY/MD
Sample : N5652-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 21 00:59:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 21 00:54:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	308577	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	283518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	123651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	90866	4.830	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.600%			
7) Chloroethane-d5	1.568	69	75833	4.585	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.105	63	119204	3.477	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.600%			
20) 2-Butanone-d5	3.889	46	183817	58.371	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.740%			
24) Chloroform-d	4.343	84	175434	4.542	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
26) 1,2-Dichloroethane-d4	5.027	65	81954	4.716	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
32) Benzene-d6	5.047	84	359164	4.244	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	6.066	67	108480	4.591	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.800%			
41) Toluene-d8	7.310	98	311946	4.095	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.800%			
43) trans-1,3-Dichloroprop...	7.622	79	30141	3.911	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.200%			
46) 2-Hexanone-d5	8.088	63	145207	44.139	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.280%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	78116	4.768	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.400%			
66) 1,2-Dichlorobenzene-d4	11.616	152	112329	5.078	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2316	0.108	ug/L	99
8) Chloroethane	1.439	64	61402	4.291	ug/L #	55
9) Trichlorofluoromethane	1.754	101	2792	0.085	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	1388	0.035	ug/L #	92
19) 1,1-Dichloroethane	3.192	63	1712	0.048	ug/L	89
25) Chloroform	4.372	83	21660	0.583	ug/L	97
27) 1,2-Dichloroethane	5.047	62	1794	0.094	ug/L #	70
34) Trichloroethene	5.918	95	6130	0.276	ug/L	96
35) Methylcyclohexane	6.066	83	26952	0.691	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11429	0.572	ug/L #	85
38) Bromodichloromethane	6.519	83	1165	0.046	ug/L #	90
47) Tetrachloroethene	7.979	164	1829	0.103	ug/L	90
61) 1,2,3-Trichloropropane	11.239	75	13010	1.540	ug/L #	64

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

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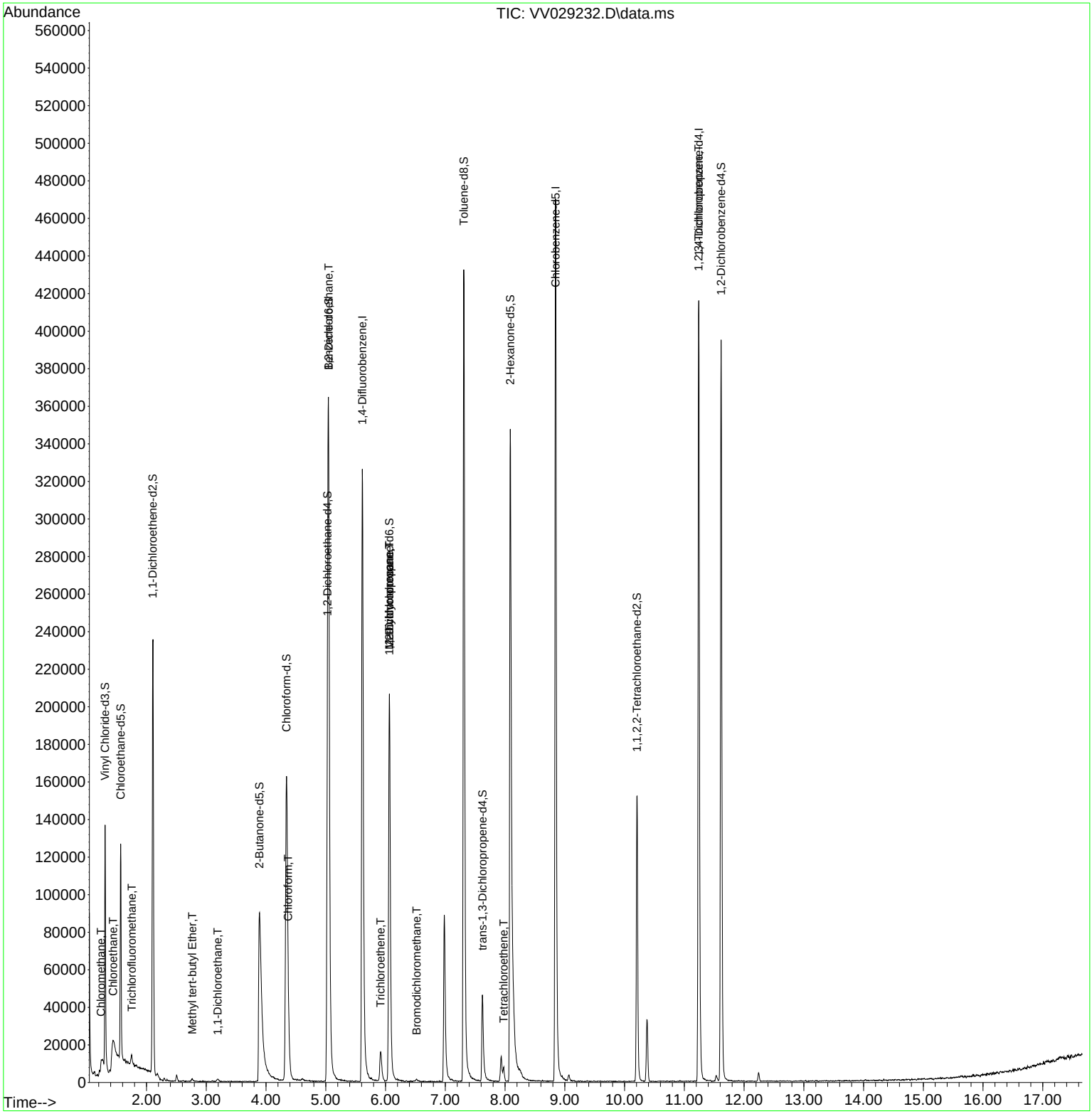
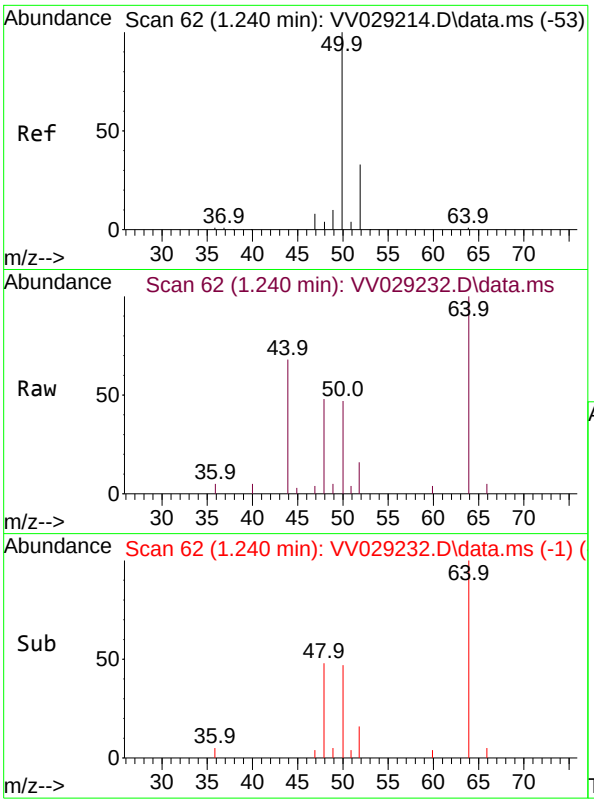
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 21 00:54:18 2022
Response via : Initial Calibration



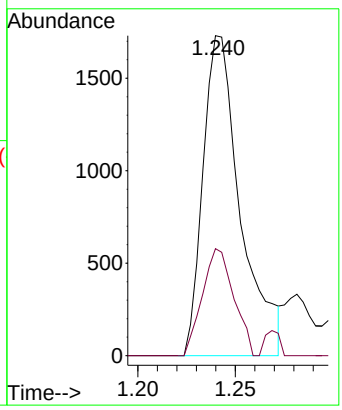


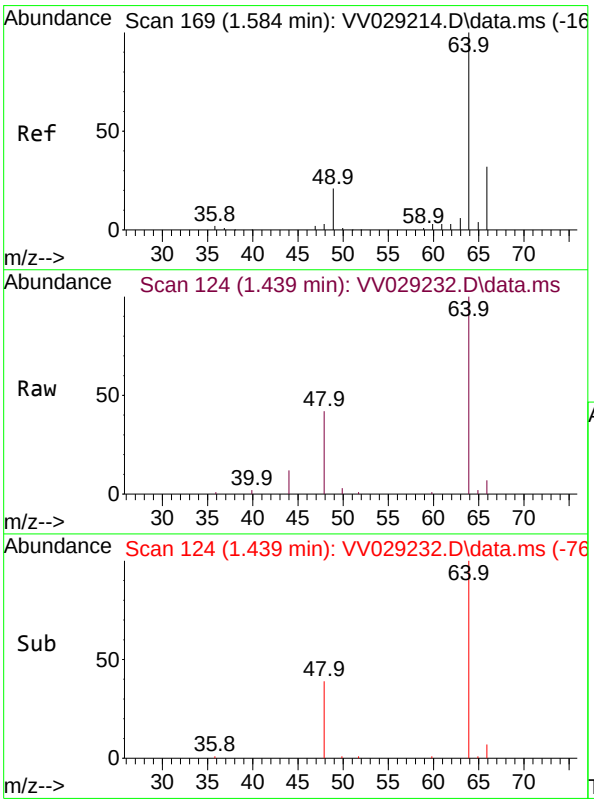
#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 2316

Ion	Ratio	Lower	Upper
50	100		
52	33.5	23.7	43.9

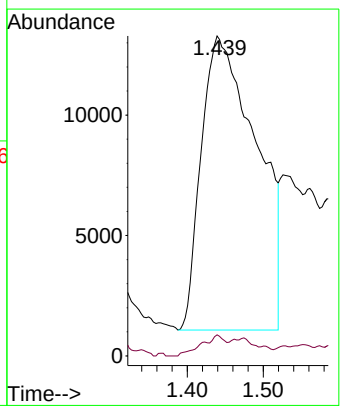


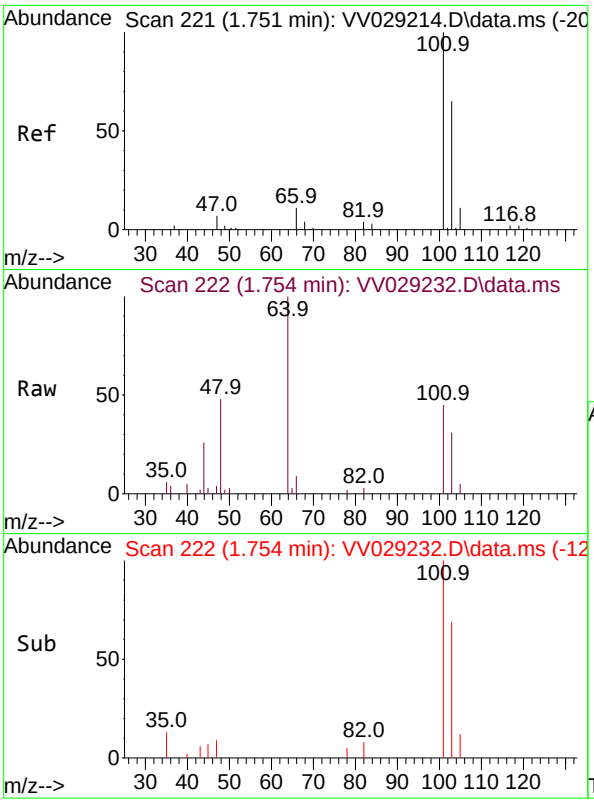


#8
Chloroethane
Concen: 4.291 ug/L
RT: 1.439 min Scan# 124
Delta R.T. -0.145 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Tgt Ion: 64 Resp: 61402

Ion	Ratio	Lower	Upper
64	100		
66	6.6	22.0	40.8#



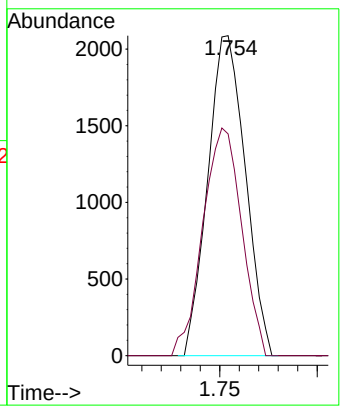


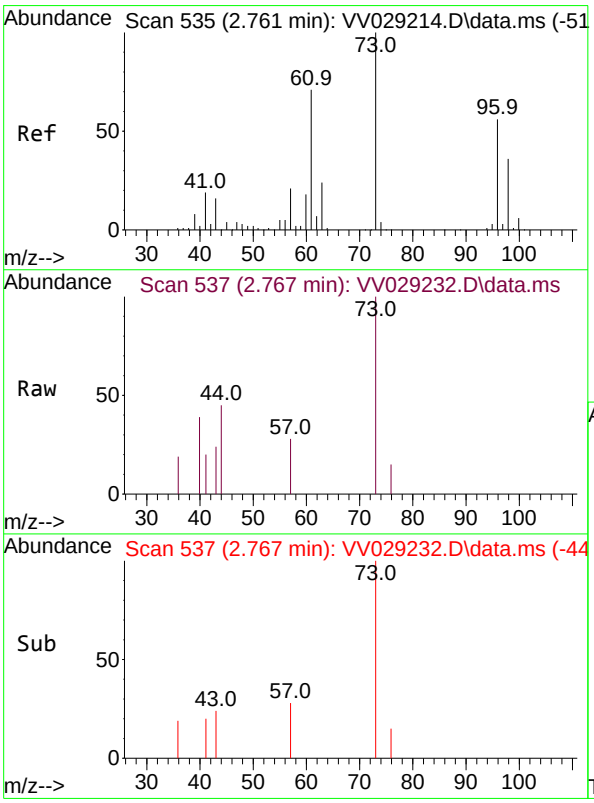
#9
Trichlorofluoromethane
Concen: 0.085 ug/L
RT: 1.754 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 2792

Ion	Ratio	Lower	Upper
101	100		
103	73.4	51.3	76.9

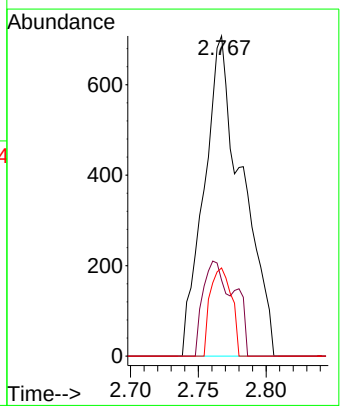


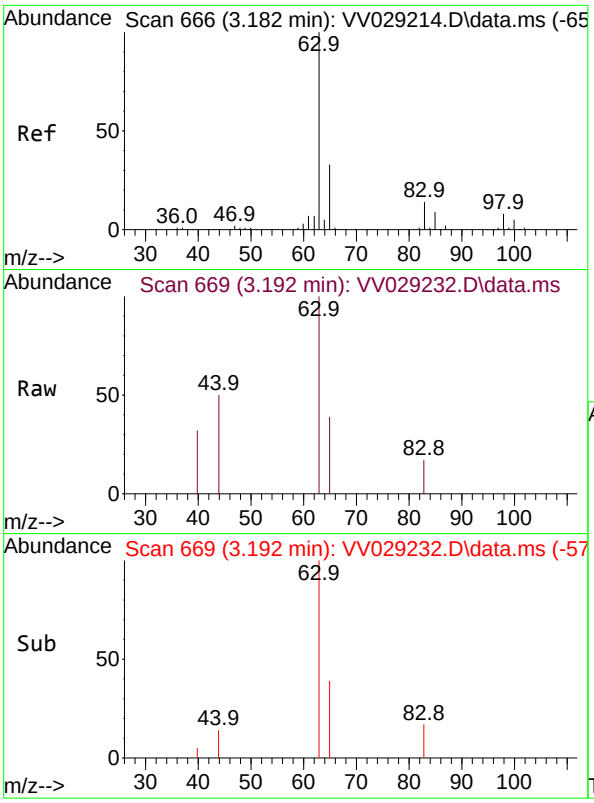


#17
Methyl tert-butyl Ether
Concen: 0.035 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Tgt Ion: 73 Resp: 1388

Ion	Ratio	Lower	Upper
73	100		
43	18.1	13.0	19.4
57	15.3	16.6	24.8#



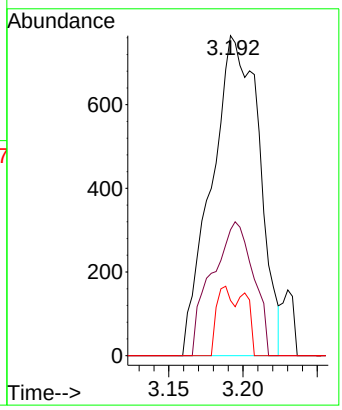


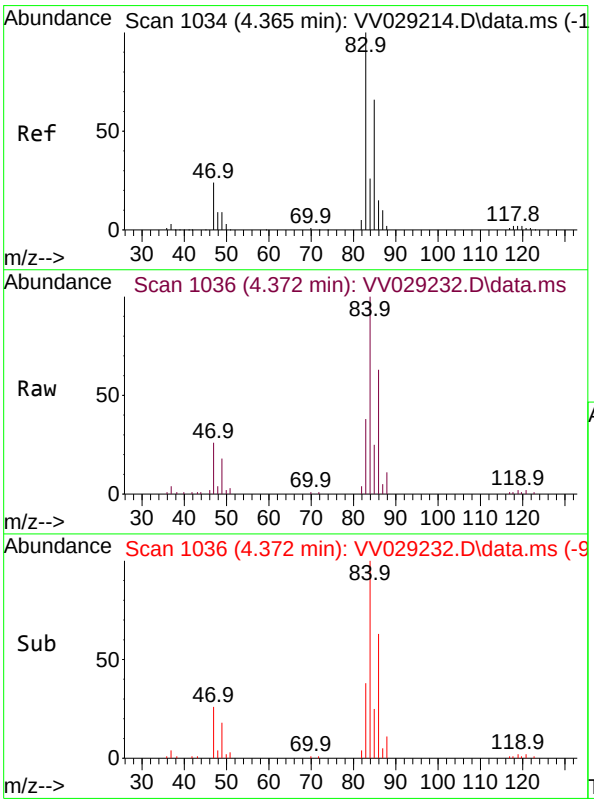
#19
1,1-Dichloroethane
Concen: 0.048 ug/L
RT: 3.192 min Scan# 6
Delta R.T. 0.010 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 1712

Ion	Ratio	Lower	Upper
63	100		
65	39.3	23.0	42.6
83	17.3	9.4	17.6

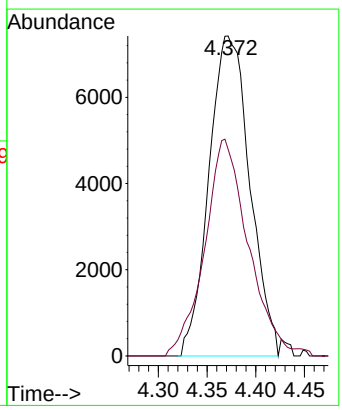


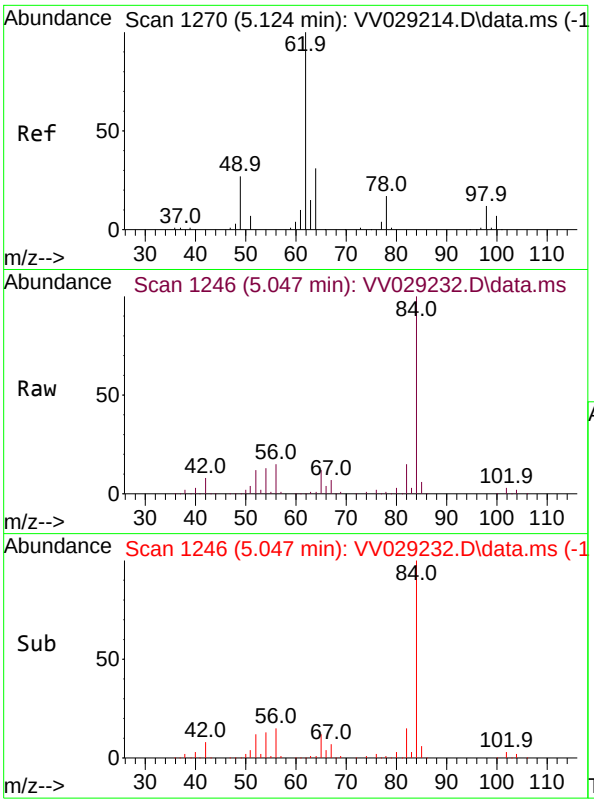


#25
Chloroform
Concen: 0.583 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Tgt Ion: 83 Resp: 21660

Ion	Ratio	Lower	Upper
83	100		
85	64.6	43.7	81.1



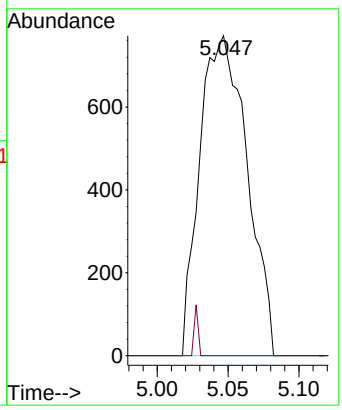


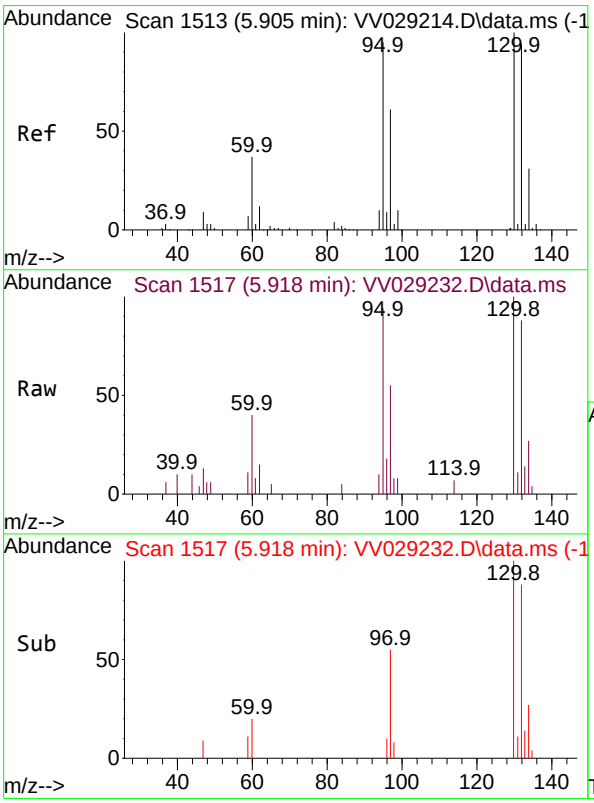
#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.047 min Scan# 1
Delta R.T. -0.077 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 1794

Ion	Ratio	Lower	Upper
62	100		
98	0.0	9.0	13.6#

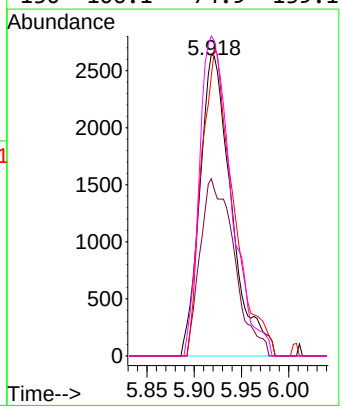


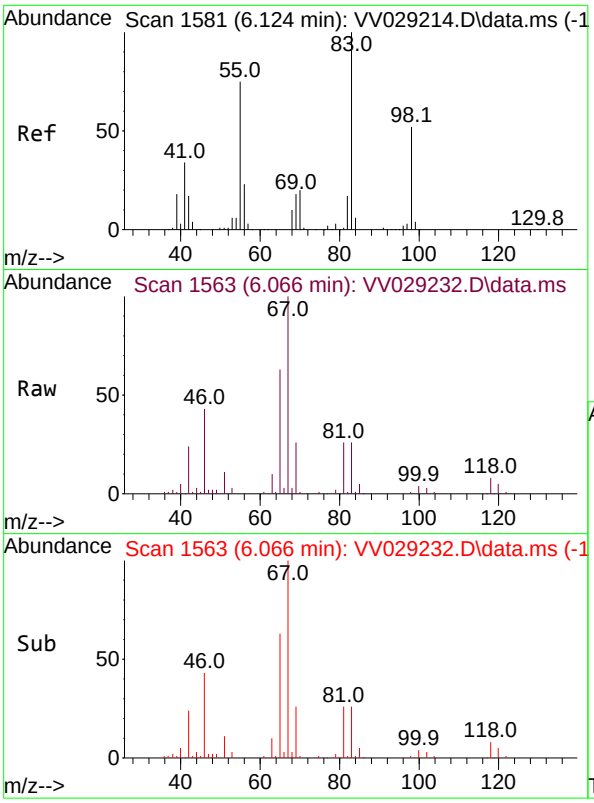


#34
Trichloroethene
Concen: 0.276 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Tgt Ion: 95 Resp: 6130

Ion	Ratio	Lower	Upper
95	100		
97	58.8	45.6	84.8
132	92.8	69.1	128.3
130	106.1	74.9	139.1



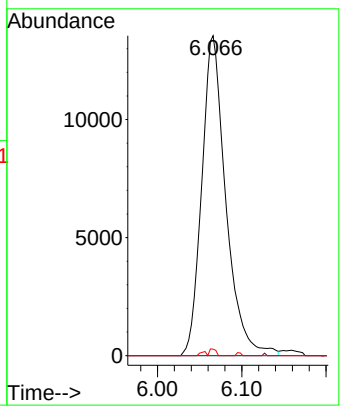


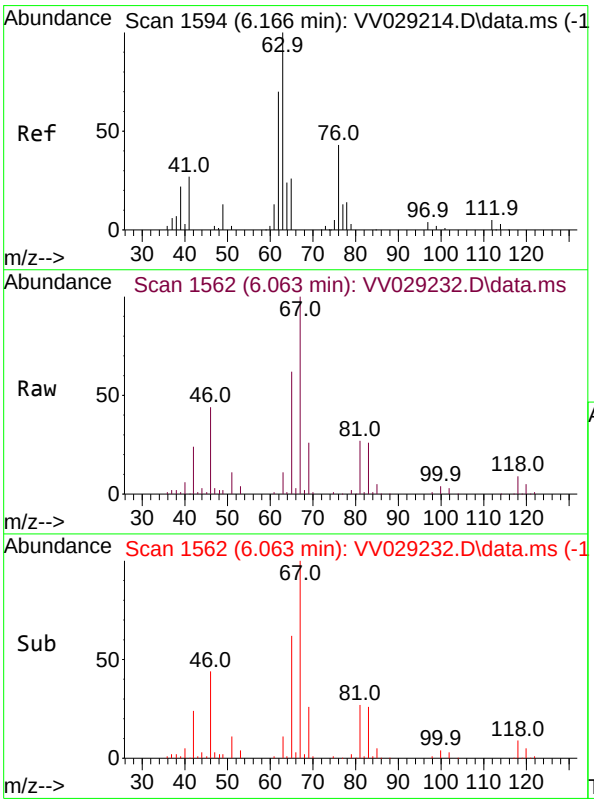
#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 26952

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	0.9	38.2	57.2#

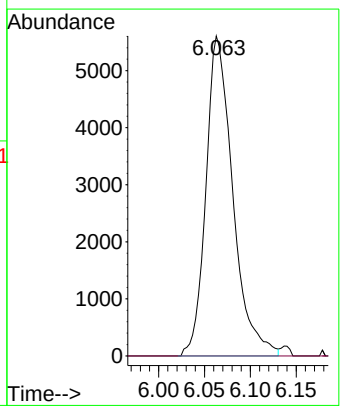


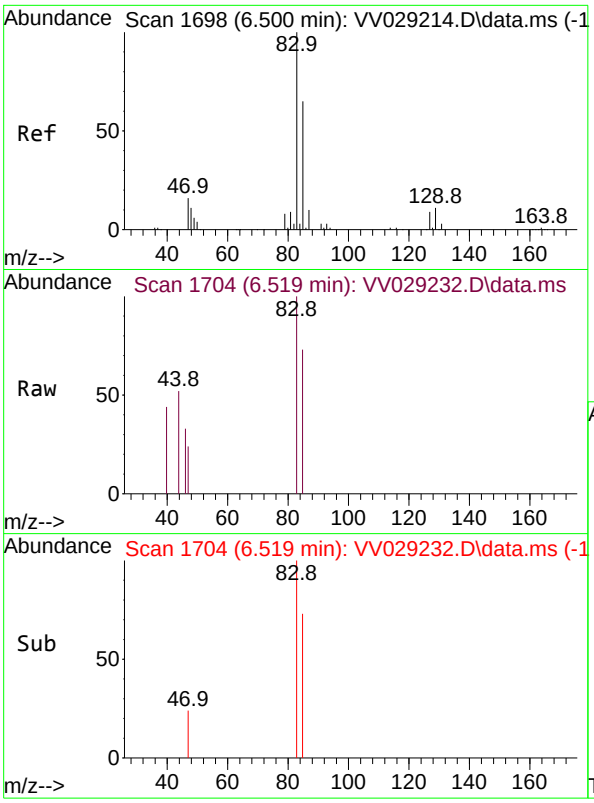


#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Tgt Ion: 63 Resp: 11429

Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.0	6.0#



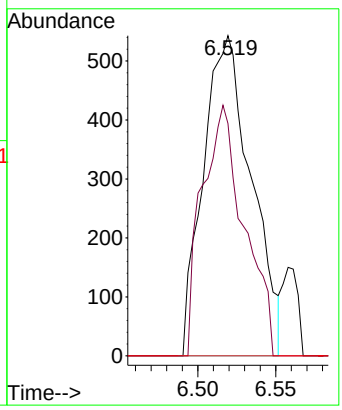


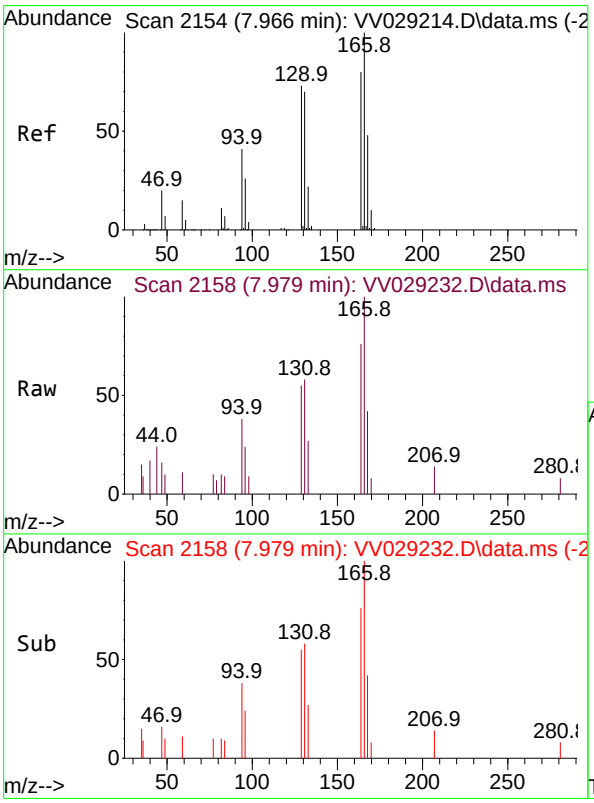
#38
Bromodichloromethane
Concen: 0.046 ug/L
RT: 6.519 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1165

Ion	Ratio	Lower	Upper
83	100		
85	72.6	46.1	85.5
127	0.0	6.7	10.1#

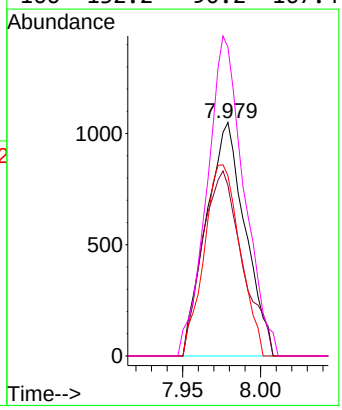


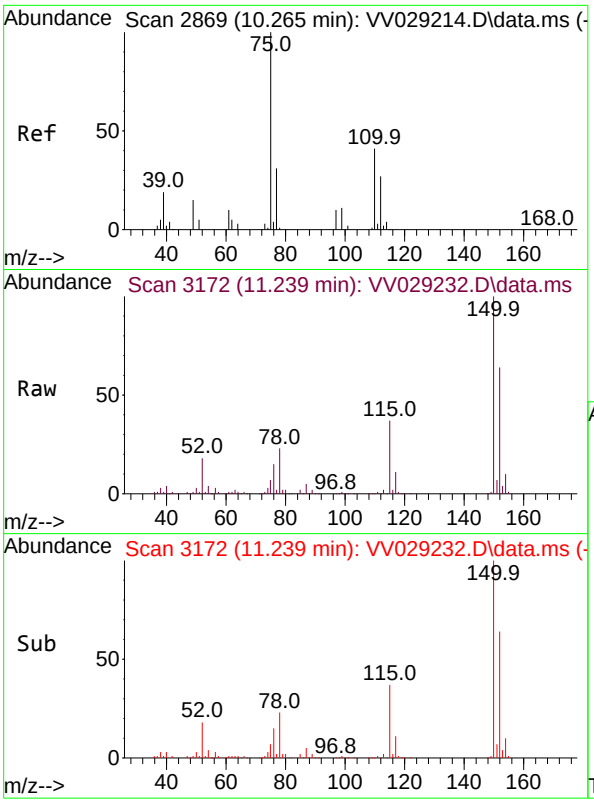


#47
Tetrachloroethene
Concen: 0.103 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Tgt Ion:164 Resp: 1829

Ion	Ratio	Lower	Upper
164	100		
129	73.0	63.9	118.7
131	77.1	61.8	114.8
166	132.2	90.2	167.4





#61
1,2,3-Trichloropropane
Concen: 1.540 ug/L
RT: 11.239 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 13010

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.2
110	1.3	32.6	48.8#