Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028554.D
Acq On : 14 Oct 2022 17:38
Operator : SY/MD
Sample : N5109-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ04

Quant Time: Oct 15 02:58:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 15 02:57:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	235462	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	218324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	101051	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86709	4.279	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.600%			
7) Chloroethane-d5	1.564	69	76615	4.599	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.000%			
11) 1,1-Dichloroethene-d2	2.105	63	120149	3.273	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.400%			
20) 2-Butanone-d5	3.918	46	92019	21.123	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 42.240%			
24) Chloroform-d	4.342	84	127445	4.107	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
26) 1,2-Dichloroethane-d4	5.031	65	65932	4.077	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.600%			
32) Benzene-d6	5.047	84	268266	3.805	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.200%			
36) 1,2-Dichloropropane-d6	6.066	67	91127	4.006	ug/L	0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.200%			
41) Toluene-d8	7.310	98	226024	4.047	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.000%			
43) trans-1,3-Dichloroprop...	7.622	79	28157	3.664	ug/L	0.01
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.200%			
46) 2-Hexanone-d5	8.088	63	132517	39.950	ug/L	-0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.900%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	55631	4.106	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	71420	4.283	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.600%			
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1098	0.049	ug/L #	47
6) Bromomethane	1.516	94	502	0.051	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1393	0.089	ug/L #	44
17) Methyl tert-butyl Ether	2.777	73	2088	0.056	ug/L #	54
22) cis-1,2-Dichloroethene	3.912	96	1035	0.060	ug/L #	86
25) Chloroform	4.365	83	2459	0.076	ug/L	96
27) 1,2-Dichloroethane	5.143	62	1298	0.067	ug/L #	79
35) Methylcyclohexane	6.069	83	19673	0.641	ug/L #	18
44) trans-1,3-Dichloropropene	7.622	75	1698	0.085	ug/L #	72
45) 1,1,2-Trichloroethane	7.847	97	1001	0.092	ug/L #	81
51) Chlorobenzene	8.876	112	2020	0.045	ug/L	87
70) 1,2,4-trichlorobenzene	13.258	180	1107	0.064	ug/L #	82
71) Naphthalene	13.500	128	9863	0.380	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.738	180	1246	0.087	ug/L	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
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Instrument :
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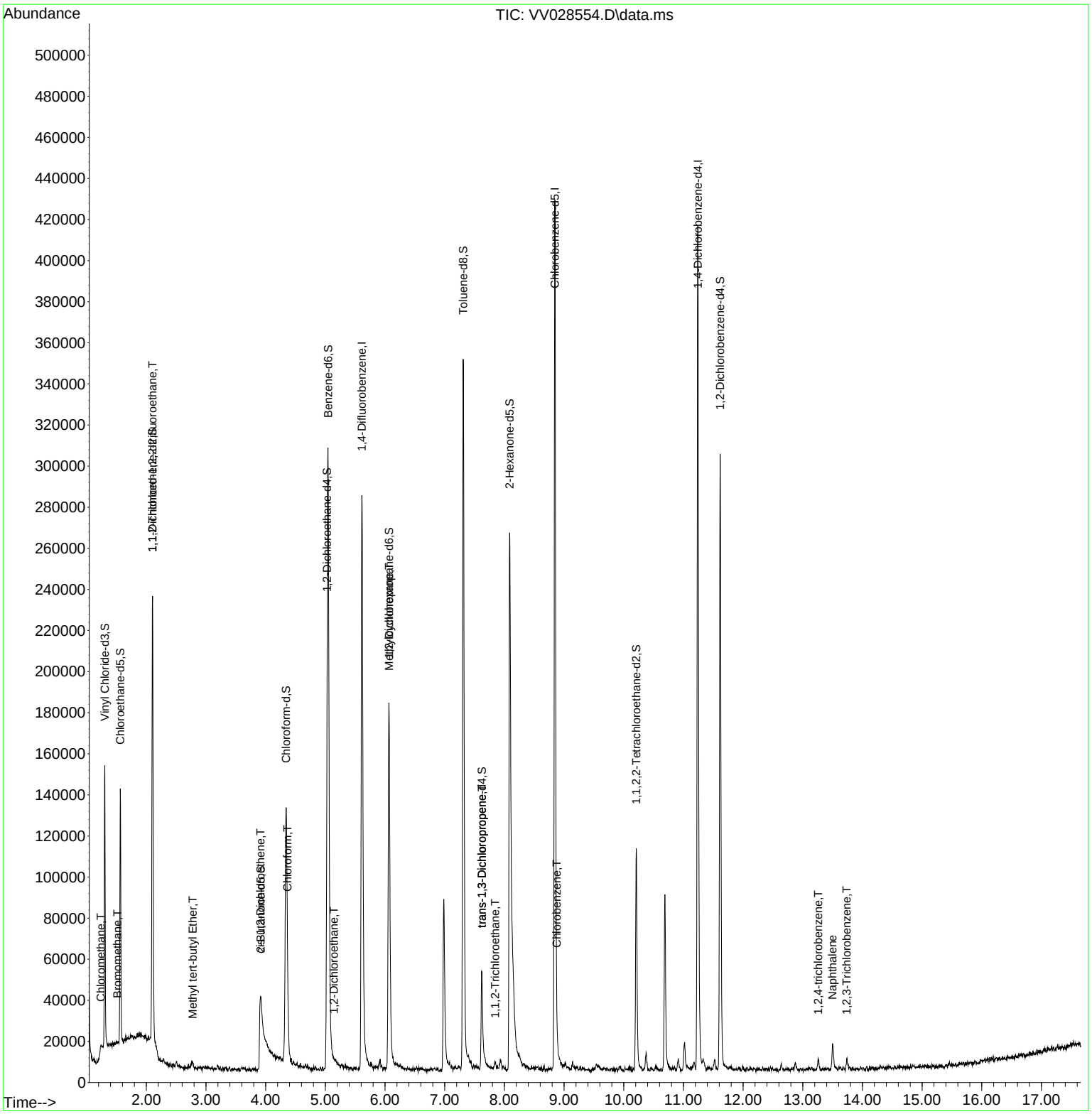
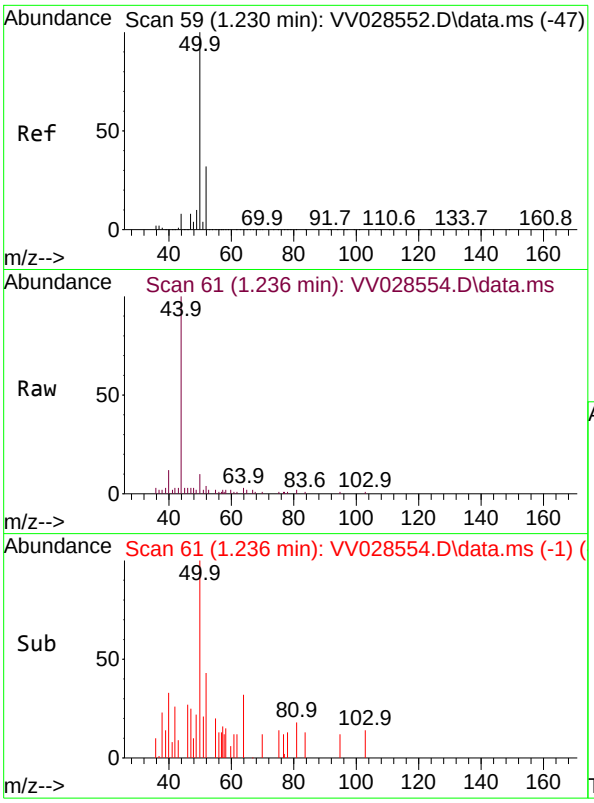
ClientSampleId :
BFZ04

Quant Time: Oct 15 02:58:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 15 02:57:21 2022
Response via : Initial Calibration



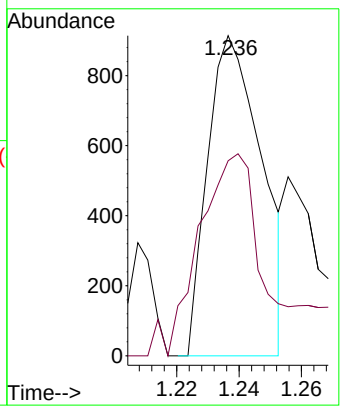


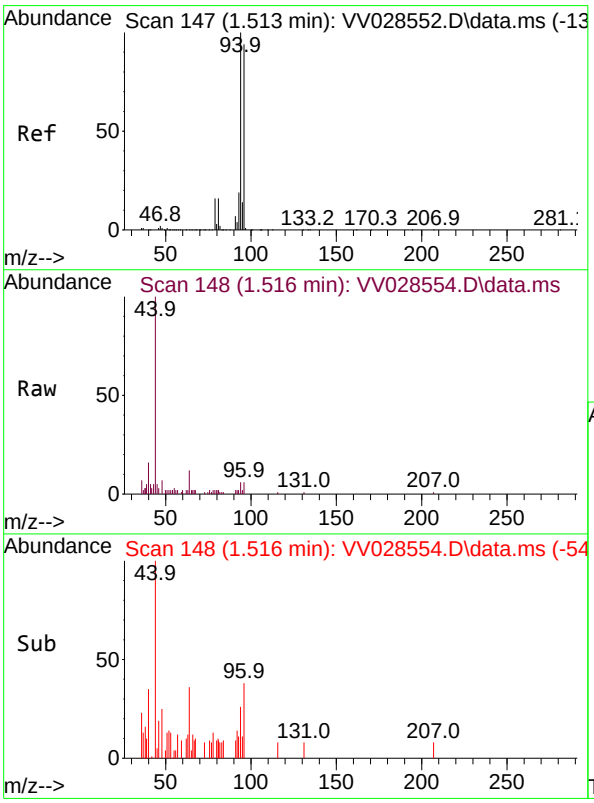
#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
BFZ04

Tgt Ion: 50 Resp: 1098

Ion	Ratio	Lower	Upper
50	100		
52	60.9	22.0	41.0#

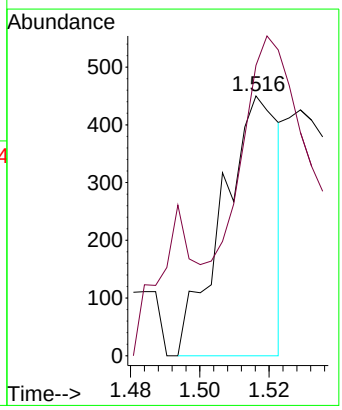


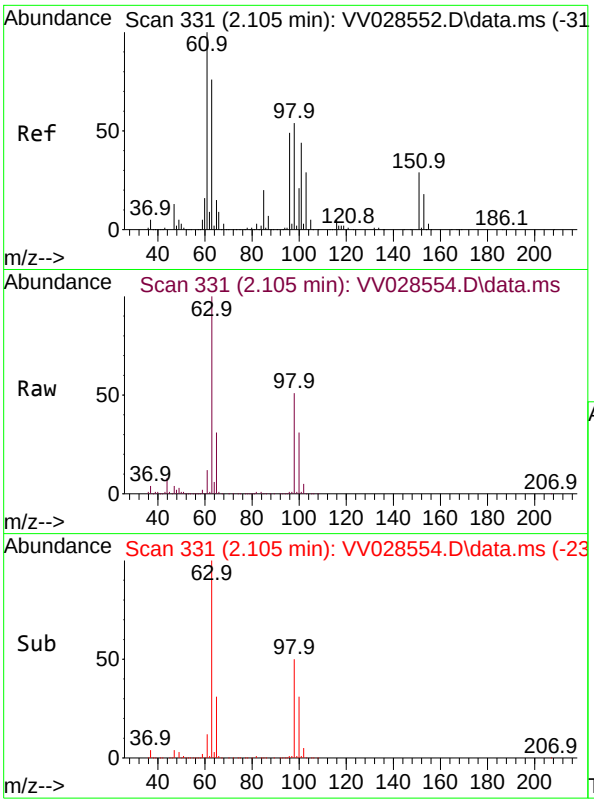


#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 94 Resp: 502

Ion	Ratio	Lower	Upper
94	100		
96	111.8	67.0	124.4



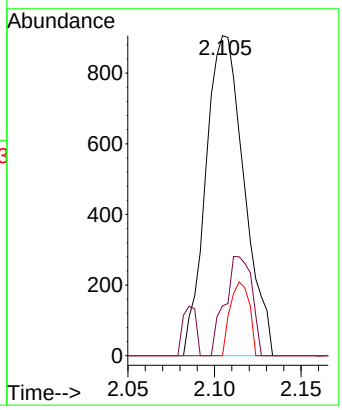


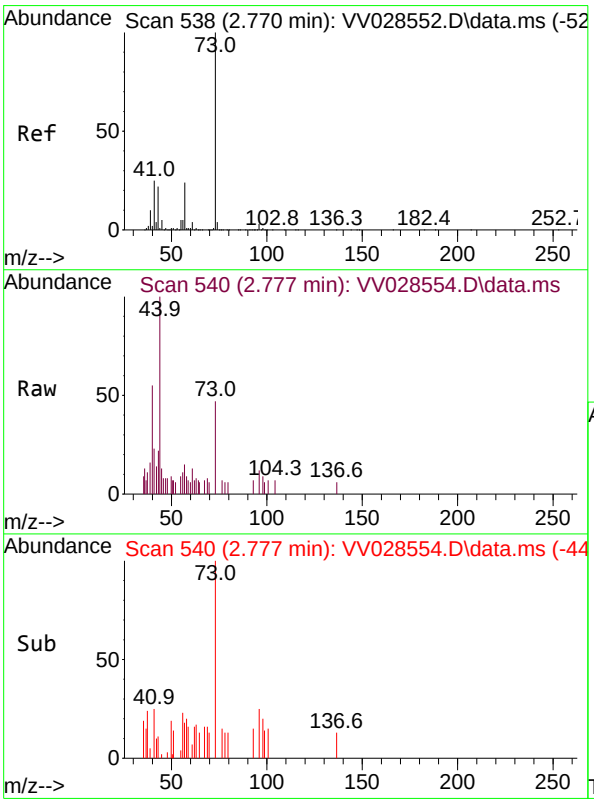
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
BFZ04

Tgt Ion:101 Resp: 1393

Ion	Ratio	Lower	Upper
101	100		
85	21.8	37.3	55.9#
151	11.5	52.8	79.2#

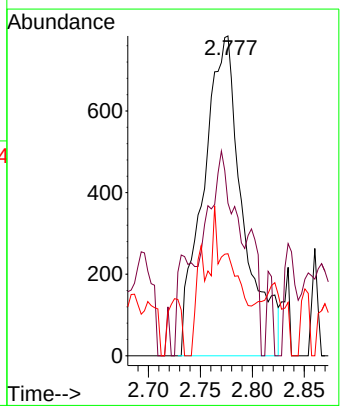


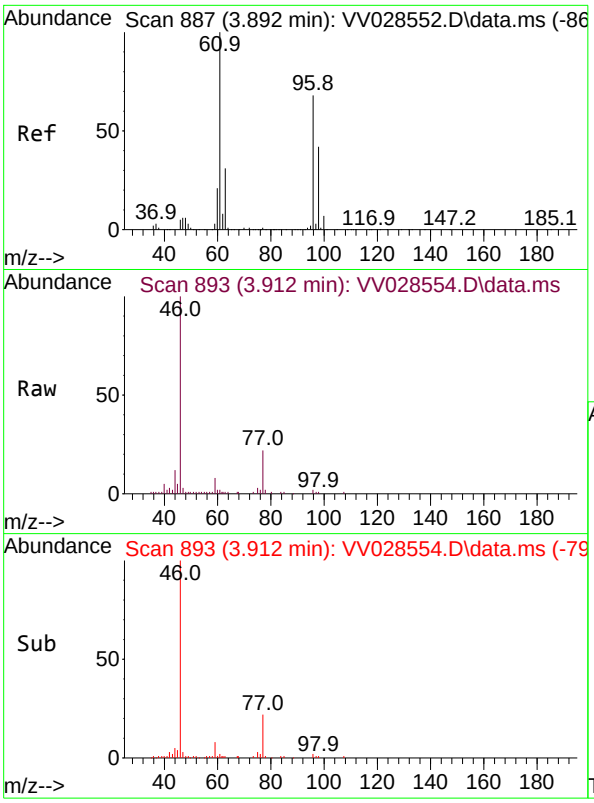


#17
Methyl tert-butyl Ether
Concen: 0.056 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 73 Resp: 2088

Ion	Ratio	Lower	Upper
73	100		
43	46.6	18.2	27.2#
57	3.0	19.5	29.3#



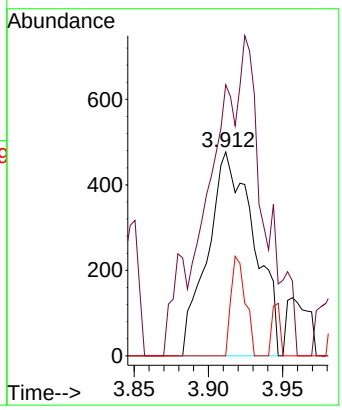


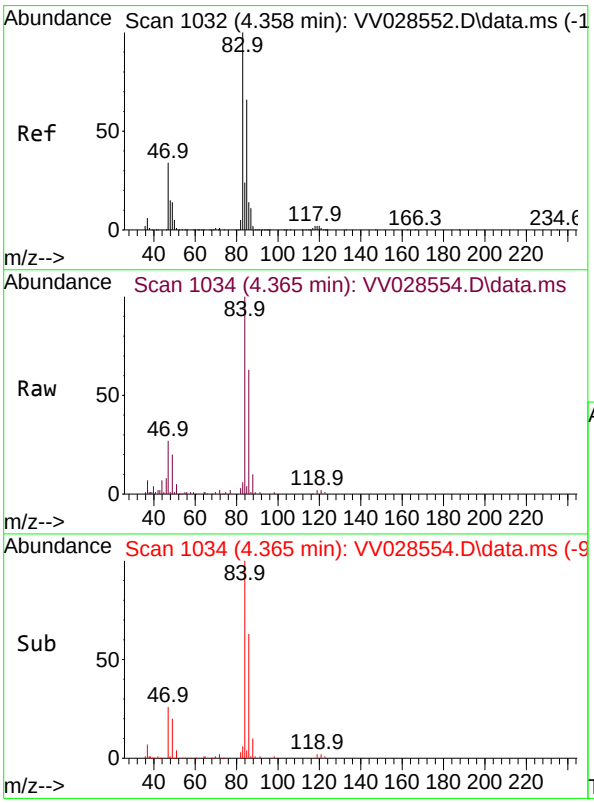
#22
cis-1,2-Dichloroethene
Concen: 0.060 ug/L
RT: 3.912 min Scan# 8
Delta R.T. 0.019 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
BFZ04

Tgt Ion: 96 Resp: 1035

Ion	Ratio	Lower	Upper
96	100		
61	132.9	105.1	195.3
68	0.0	0.5	0.9#

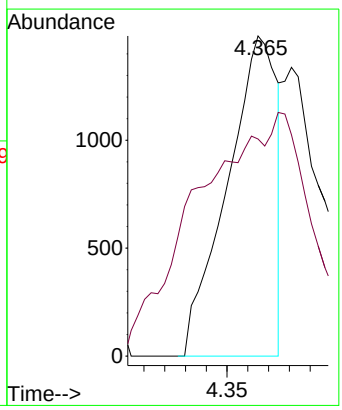


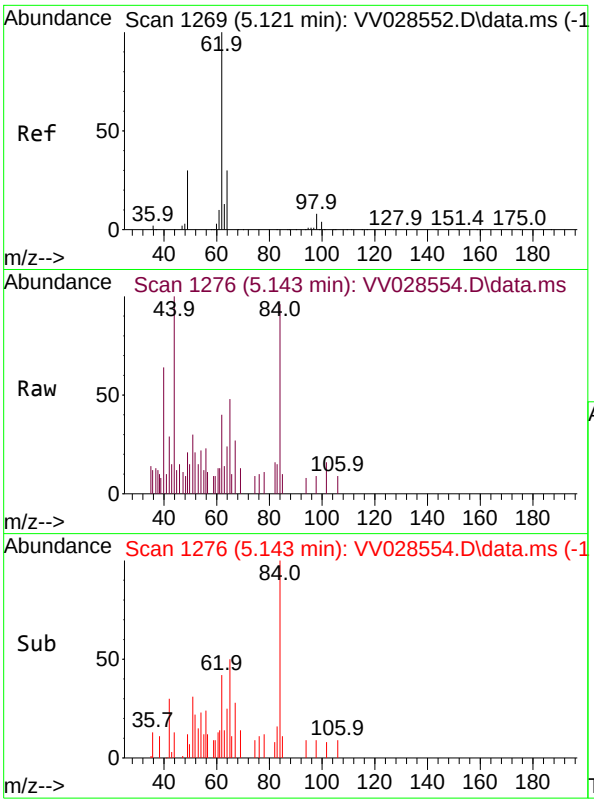


#25
Chloroform
Concen: 0.076 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 83 Resp: 2459

Ion	Ratio	Lower	Upper
83	100		
85	67.8	45.1	83.9



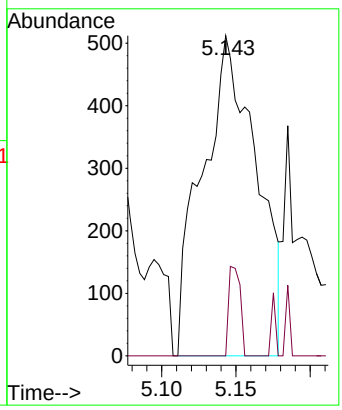


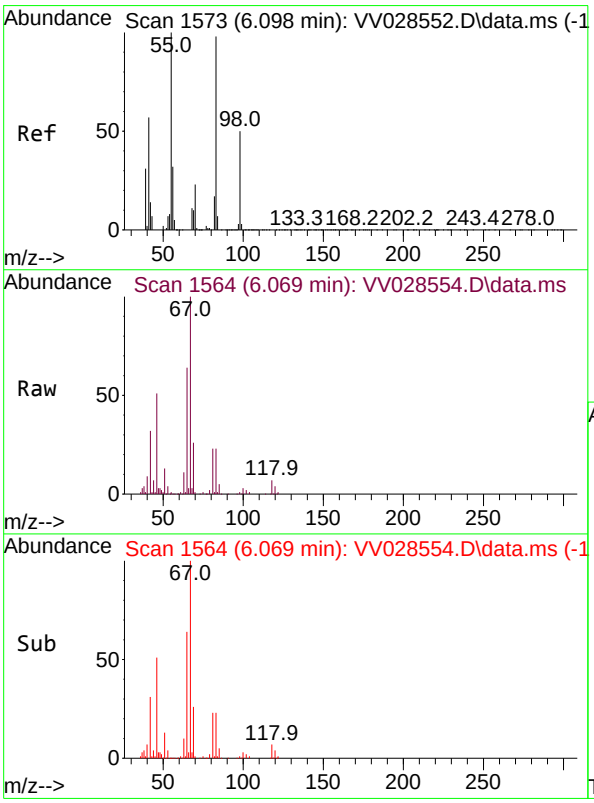
#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.143 min Scan# 1
Delta R.T. 0.023 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
BFZ04

Tgt Ion: 62 Resp: 1298

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.9	8.9#

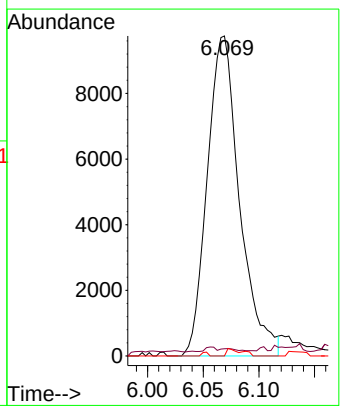


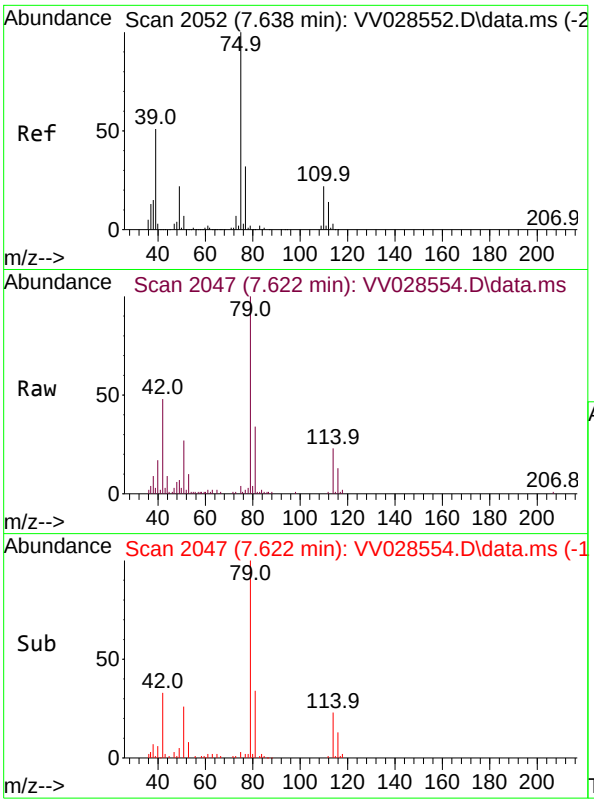


#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.029 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 83 Resp: 19673

Ion	Ratio	Lower	Upper
83	100		
55	1.0	65.0	97.6#
98	0.7	36.4	54.6#



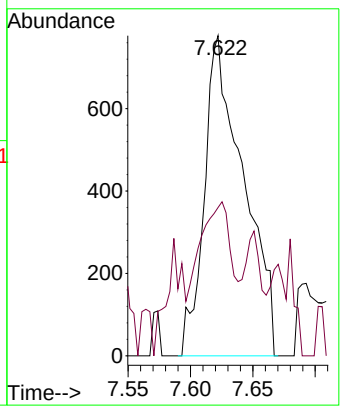


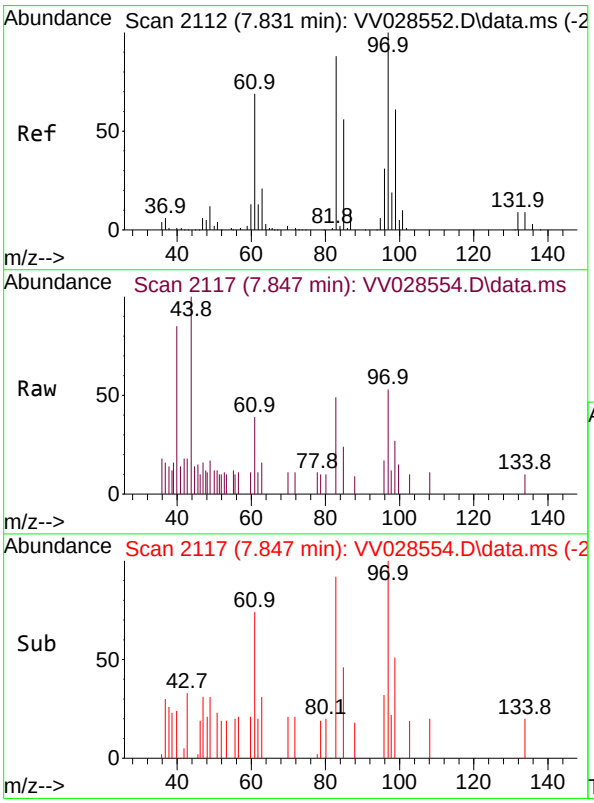
#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.622 min Scan# 2
Delta R.T. -0.016 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
BFZ04

Tgt Ion: 75 Resp: 1698

Ion	Ratio	Lower	Upper
75	100		
77	46.3	21.7	40.3#

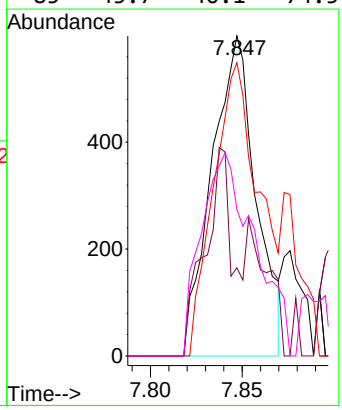


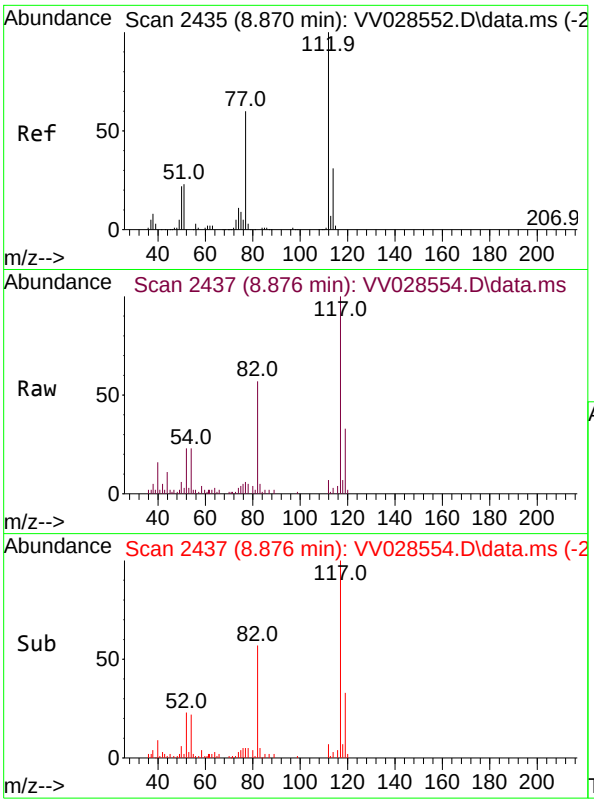


#45
1,1,2-Trichloroethane
Concen: 0.092 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.016 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 97 Resp: 1001

Ion	Ratio	Lower	Upper
97	100		
99	27.5	44.4	82.4#
83	91.7	63.1	117.1
85	45.7	40.1	74.5



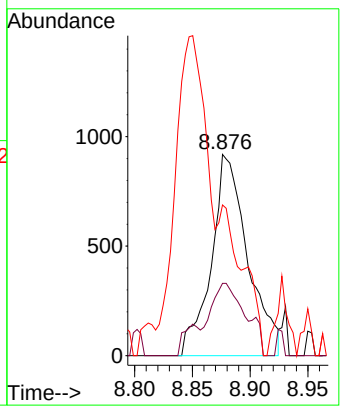


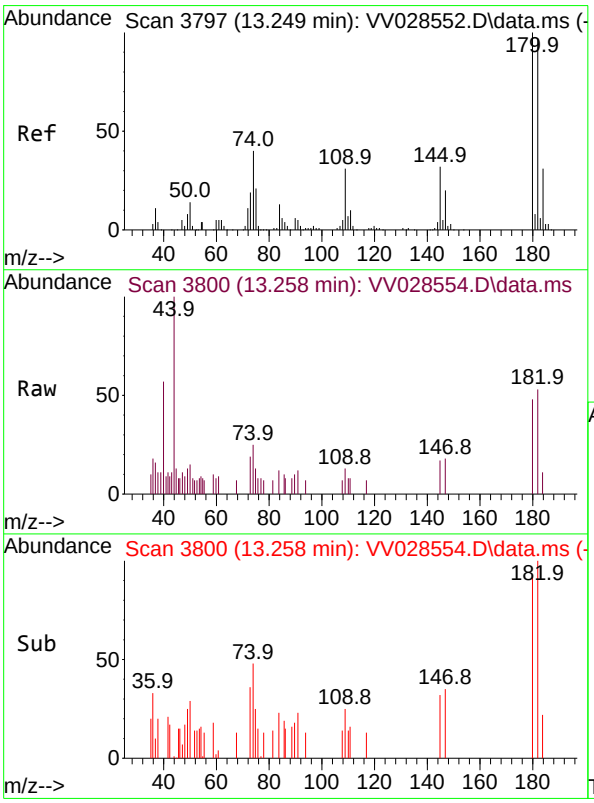
#51
Chlorobenzene
Concen: 0.045 ug/L
RT: 8.876 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
BFZ04

Tgt Ion:112 Resp: 2020

Ion	Ratio	Lower	Upper
112	100		
114	35.9	22.4	41.6
77	74.9	50.2	75.2

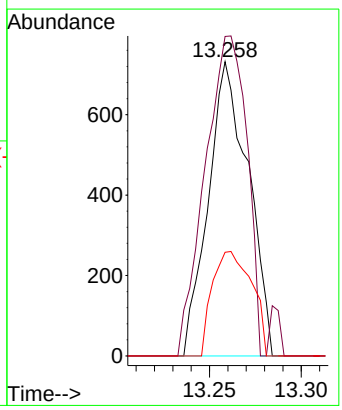


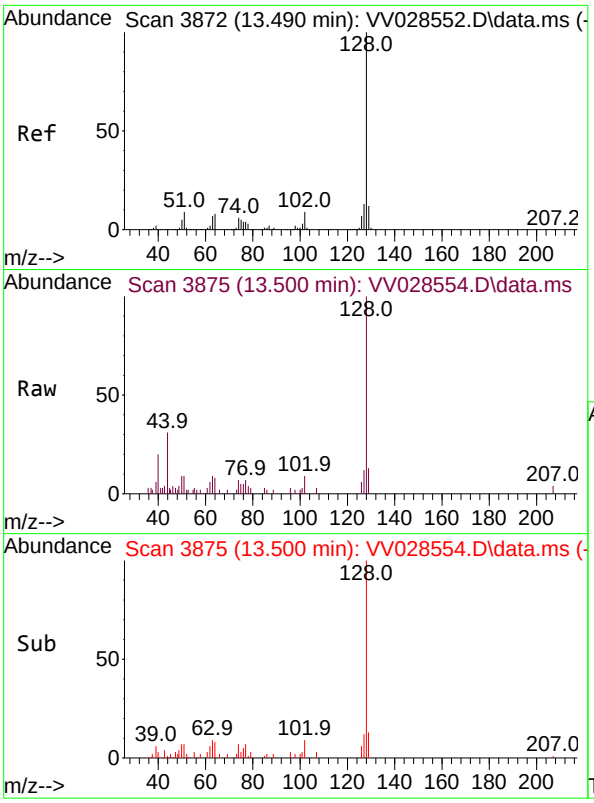


#70
1,2,4-trichlorobenzene
Concen: 0.064 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.010 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Tgt Ion:180 Resp: 1107

Ion	Ratio	Lower	Upper
180	100		
182	113.9	74.2	111.2#
145	35.0	25.3	37.9



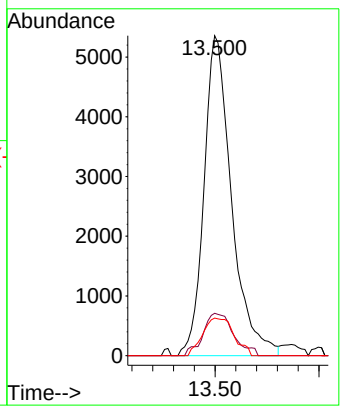


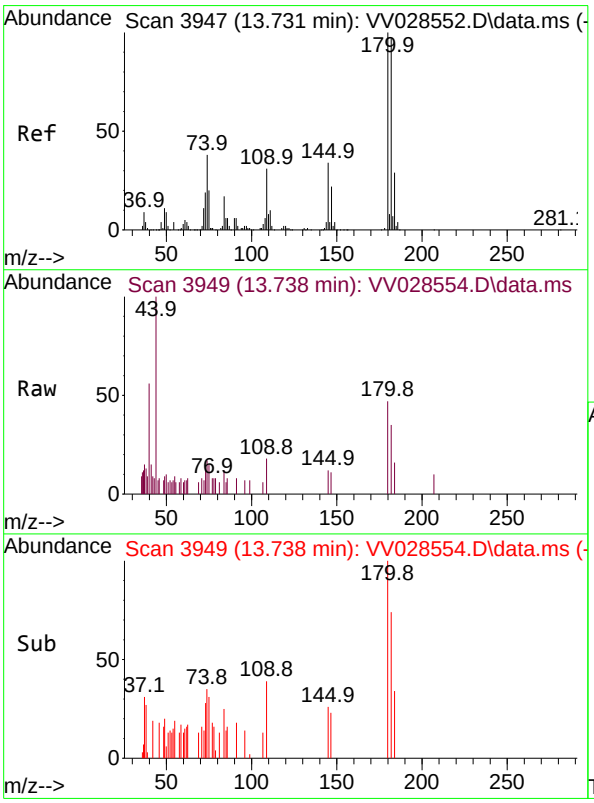
#71
Naphthalene
Concen: 0.380 ug/L
RT: 13.500 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
BFZ04

Tgt Ion:128 Resp: 9863

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.0	13.6#
127	13.3	10.1	15.1





#72
1,2,3-Trichlorobenzene
Concen: 0.087 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VV028554.D
Acq: 14 Oct 2022 17:38

Tgt Ion:180 Resp: 1246

Ion	Ratio	Lower	Upper
180	100		
182	80.7	76.3	114.5
145	37.7	25.8	38.8