Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
Data File : VV028644.D
Acq On : 20 Oct 2022 18:59
Operator : SY/MD
Sample : N5216-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA64

Quant Time: Oct 21 01:13:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 00:53:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	148274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	135244	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	60242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	94300	6.424	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 128.400%			
7) Chloroethane-d5	1.558	69	72371	6.272	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 125.400%			
11) 1,1-Dichloroethene-d2	2.098	63	123872	4.856	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.200%			
20) 2-Butanone-d5	3.921	46	122751	44.427	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.860%			
24) Chloroform-d	4.339	84	116926	5.370	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.400%			
26) 1,2-Dichloroethane-d4	5.027	65	55220	4.682	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.043	84	238305	4.050	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.000%			
36) 1,2-Dichloropropane-d6	6.063	67	76327	4.137	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.800%			
41) Toluene-d8	7.310	98	193208	4.540	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.800%			
43) trans-1,3-Dichloroprop...	7.622	79	19053	4.254	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.088	63	86598	46.563	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.120%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	41958	4.814	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	58356	5.389	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
3) Chloromethane	1.230	50	956	0.066	ug/L	95
6) Bromomethane	1.516	94	599	0.089	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1305	0.128	ug/L #	29
12) 1,1-Dichloroethene	2.101	96	1294	0.135	ug/L #	1
25) Chloroform	4.368	83	65676	2.844	ug/L	97
35) Methylcyclohexane	6.063	83	16284	0.708	ug/L #	16
39) cis-1,3-Dichloropropene	6.985	75	1890	0.107	ug/L	84
42) Toluene	7.390	91	11020	0.210	ug/L	97
44) trans-1,3-Dichloropropene	7.619	75	1048	0.084	ug/L #	42
53) m,p-Xylene	9.140	106	1864	0.094	ug/L	69
62) 1,3,5-Trimethylbenzene	10.535	105	495	0.034	ug/L	100

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

Quantitation Report (Not Reviewed)

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Acq On : 20 Oct 2022 18:59
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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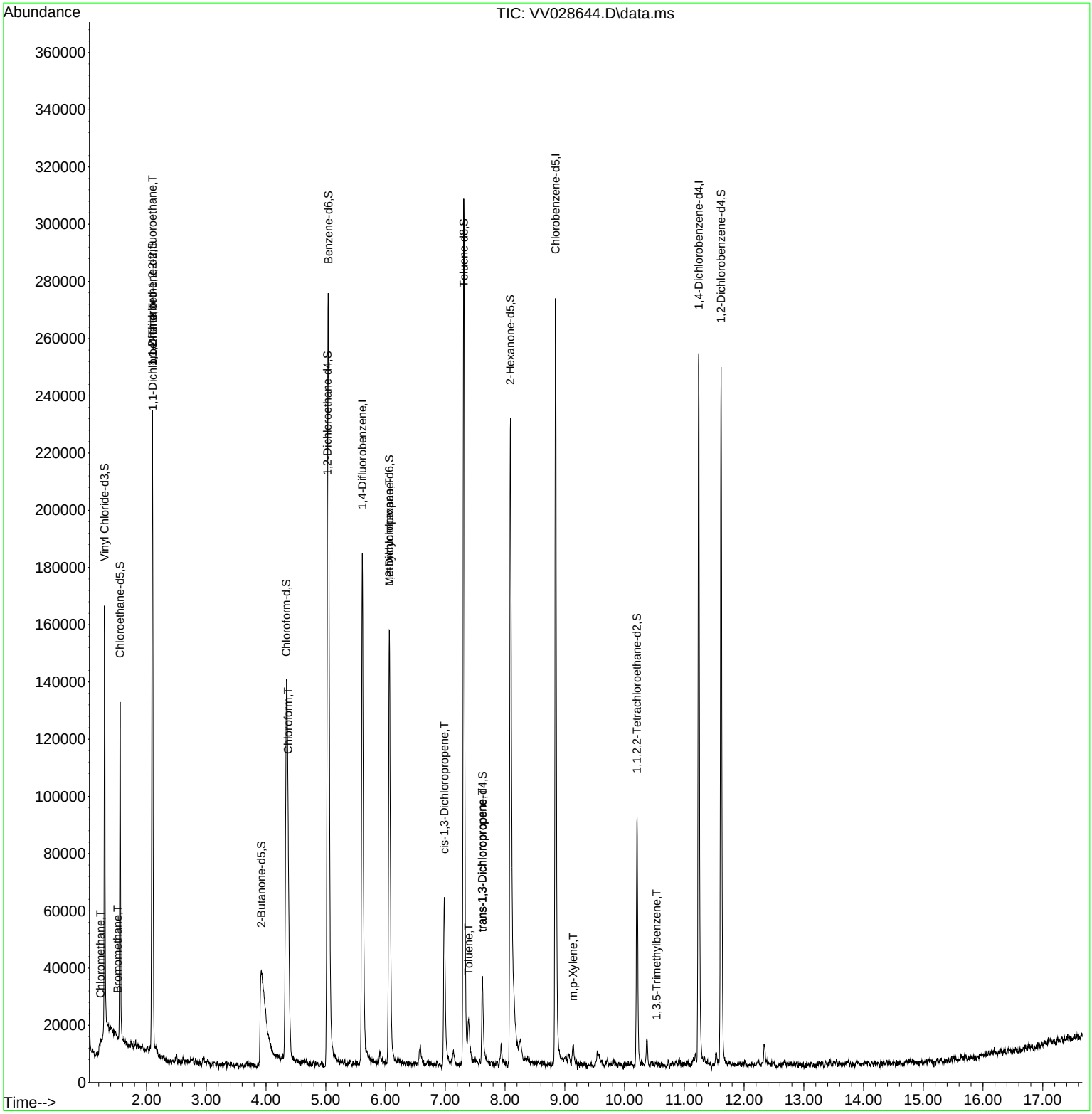
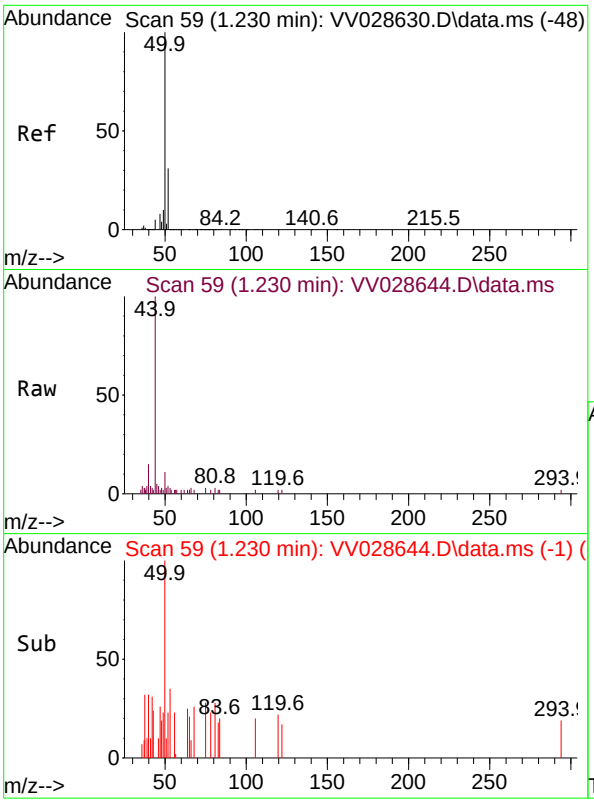
Instrument :
MSVOA_V
ClientSampleId :
BHA64

Quant Time: Oct 21 01:13:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 00:53:32 2022
Response via : Initial Calibration



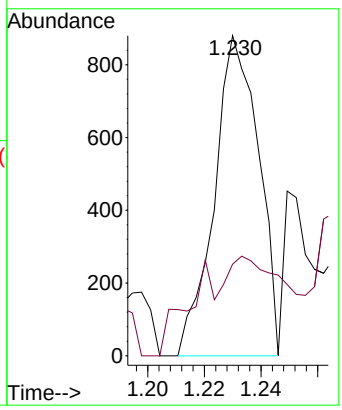


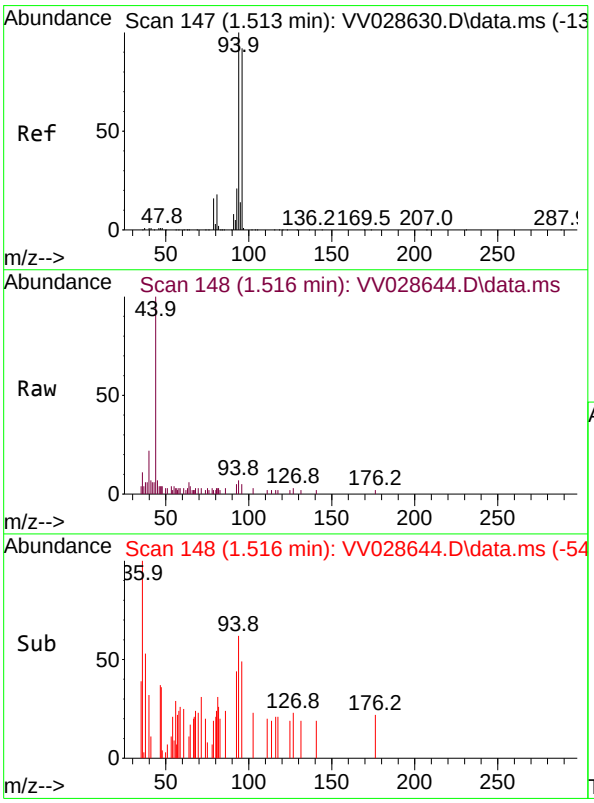
#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.230 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :
BHA64

Tgt Ion: 50 Resp: 956

Ion	Ratio	Lower	Upper
50	100		
52	28.6	21.8	40.6

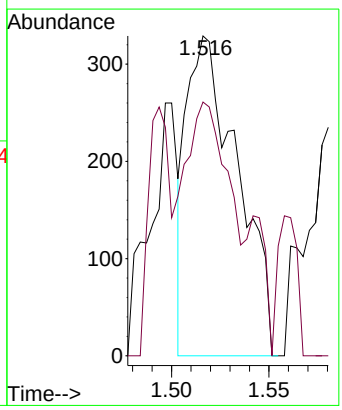


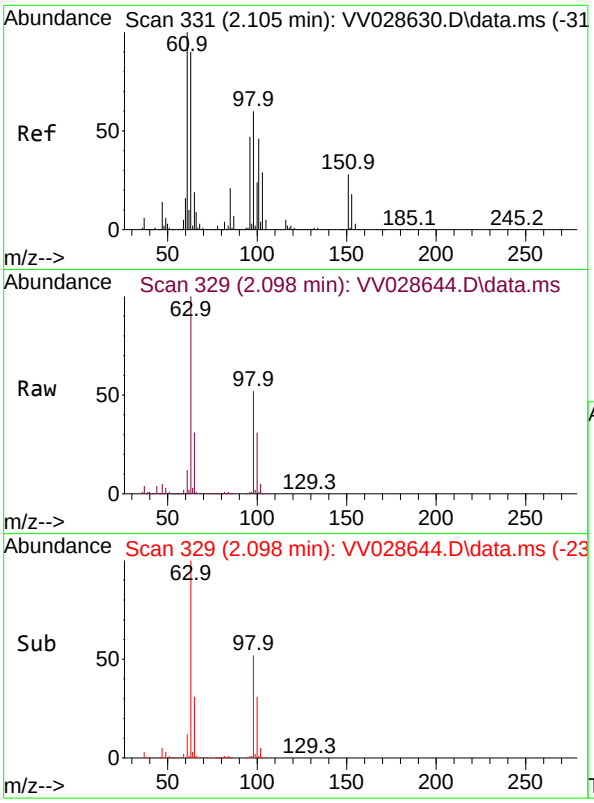


#6
Bromomethane
Concen: 0.089 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Tgt Ion: 94 Resp: 599

Ion	Ratio	Lower	Upper
94	100		
96	79.3	64.3	119.3



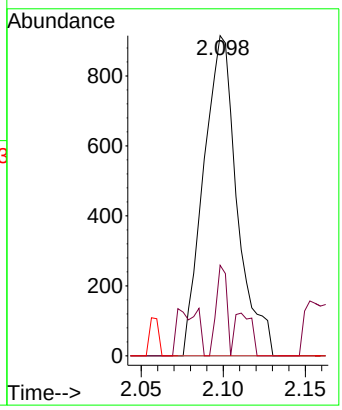


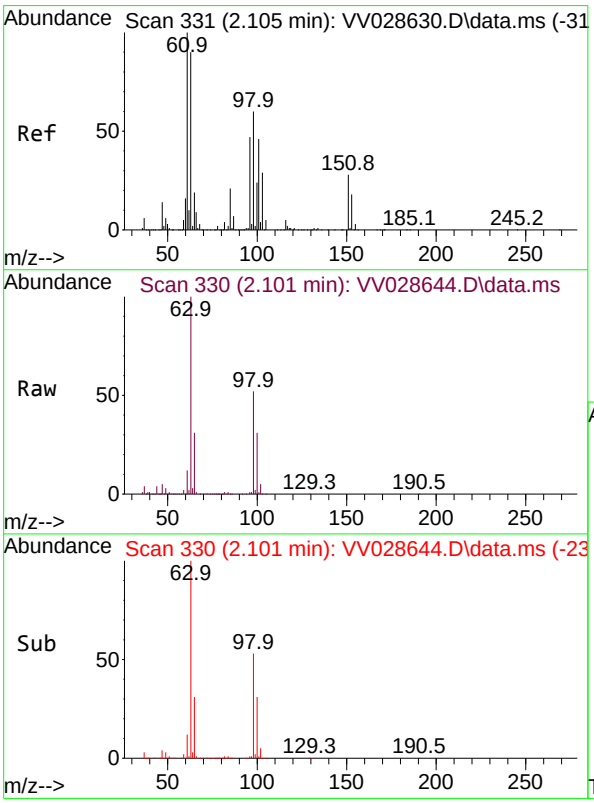
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.128 ug/L
RT: 2.098 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :
BHA64

Tgt Ion:101 Resp: 1305

Ion	Ratio	Lower	Upper
101	100		
85	8.9	37.0	55.6#
151	0.0	50.2	75.2#

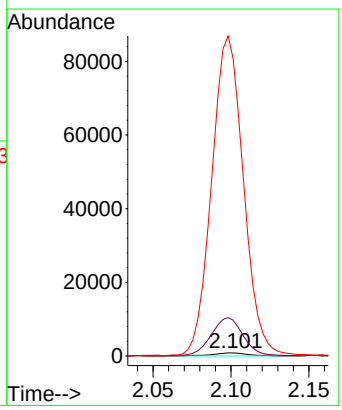


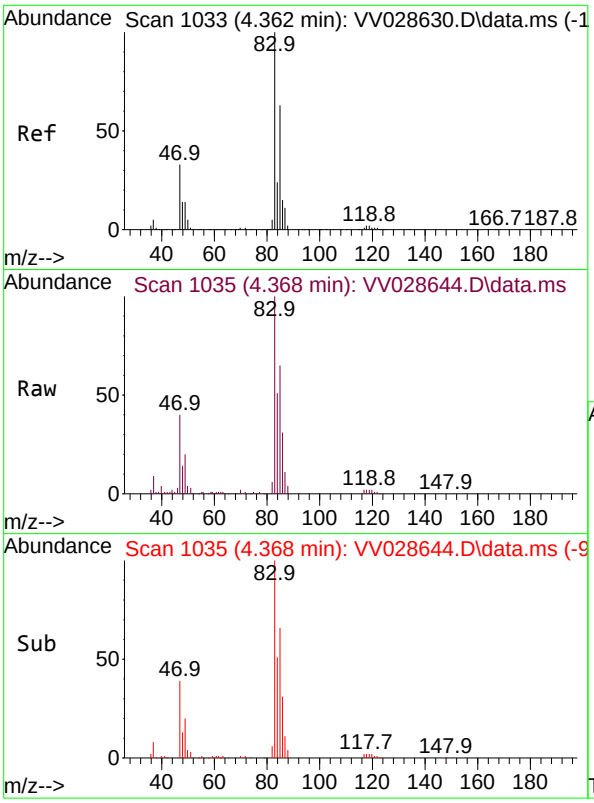


#12
1,1-Dichloroethene
Concen: 0.135 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.003 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Tgt Ion: 96 Resp: 1294

Ion	Ratio	Lower	Upper
96	100		
61	1165.1	148.1	275.1#
63	9685.3	133.3	247.7#



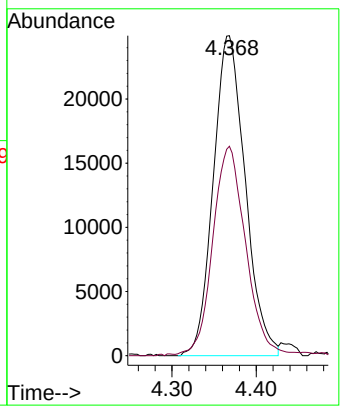


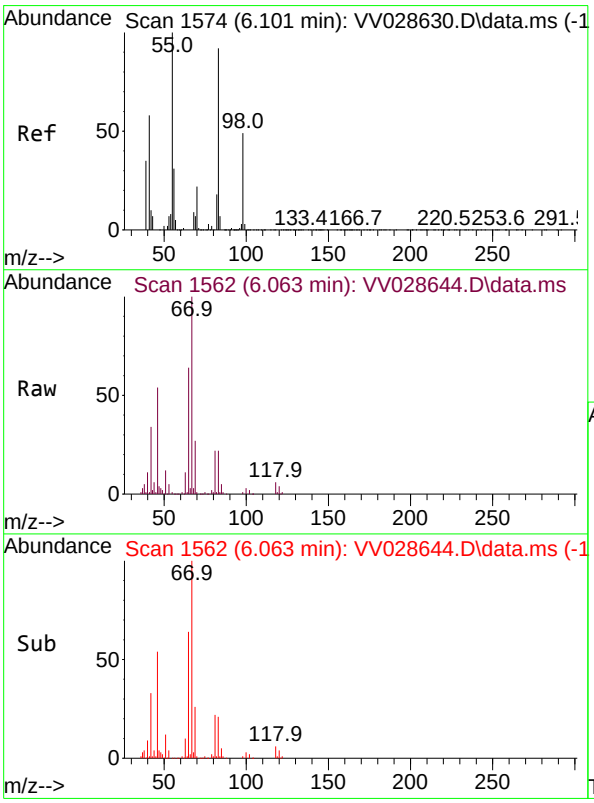
#25
Chloroform
Concen: 2.844 ug/L
RT: 4.368 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :
BHA64

Tgt Ion: 83 Resp: 65676

Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.1	81.9

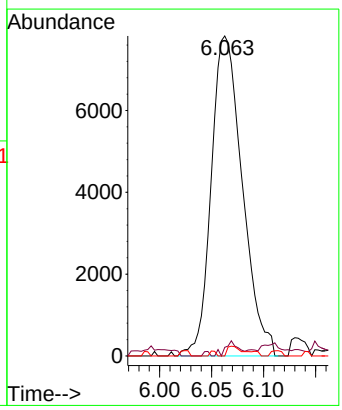


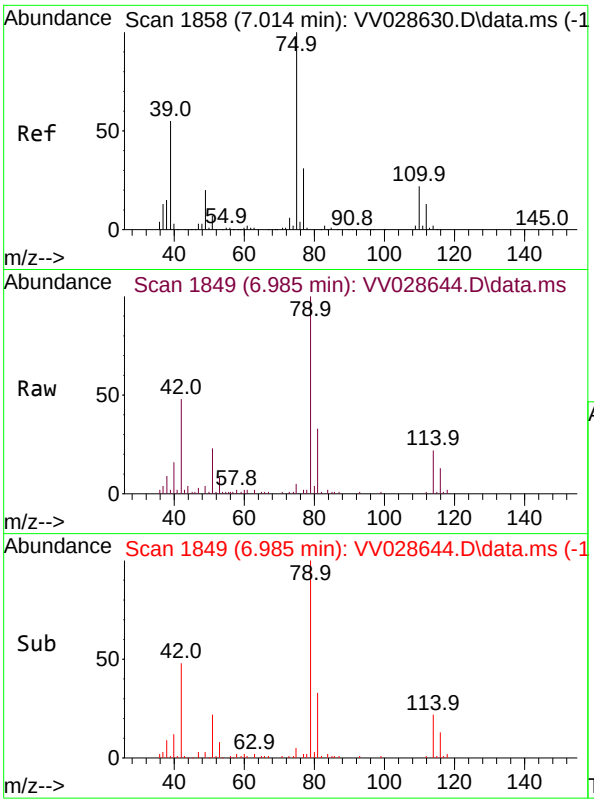


#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.039 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Tgt Ion: 83 Resp: 16284

Ion	Ratio	Lower	Upper
83	100		
55	2.0	70.0	105.0#
98	1.3	35.6	53.4#



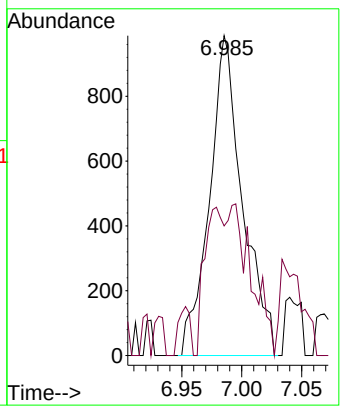


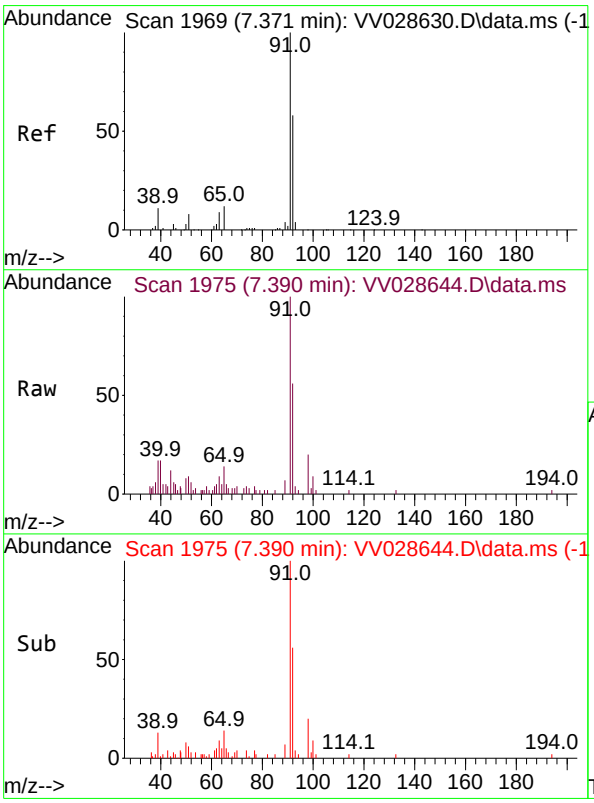
#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 6.985 min Scan# 1
Delta R.T. -0.029 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :
BHA64

Tgt Ion: 75 Resp: 1890

Ion	Ratio	Lower	Upper
75	100		
77	40.5	22.1	41.1

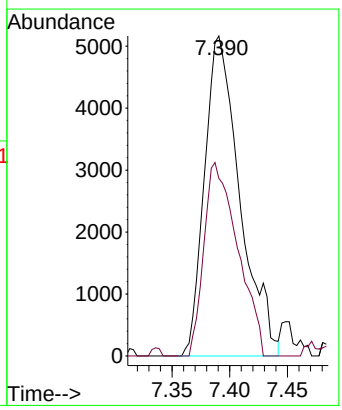


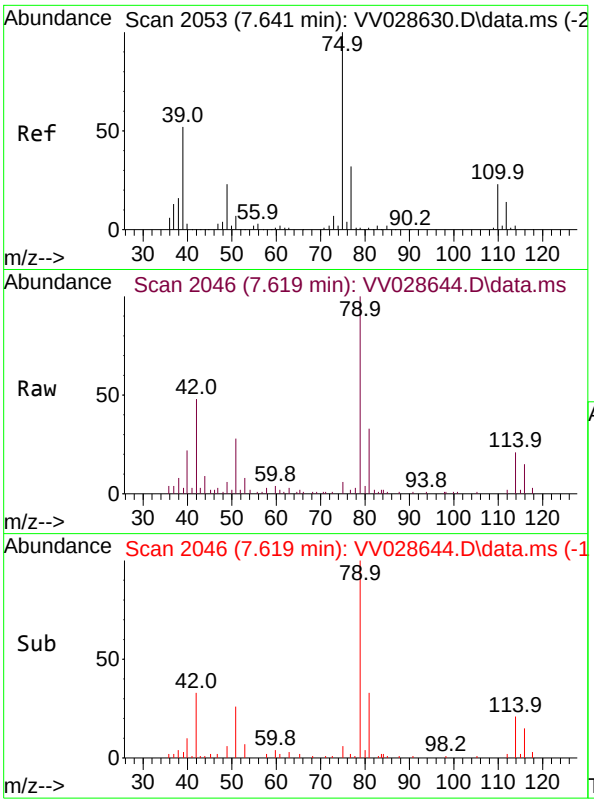


#42
Toluene
Concen: 0.210 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.019 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Tgt Ion: 91 Resp: 11020

Ion	Ratio	Lower	Upper
91	100		
92	55.5	40.5	75.3



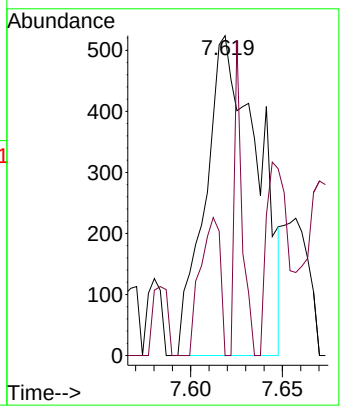


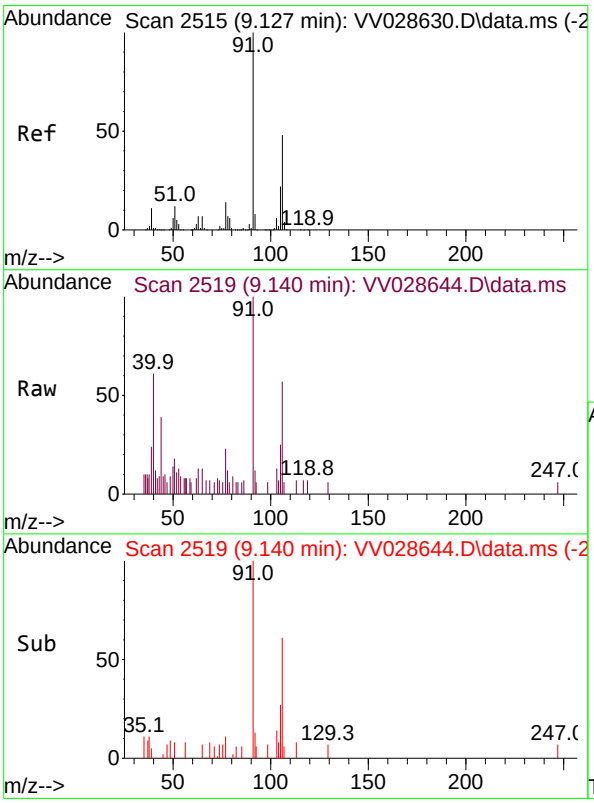
#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.619 min Scan# 2
Delta R.T. -0.022 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :
BHA64

Tgt Ion: 75 Resp: 1048

Ion	Ratio	Lower	Upper
75	100		
77	0.0	22.6	42.0#

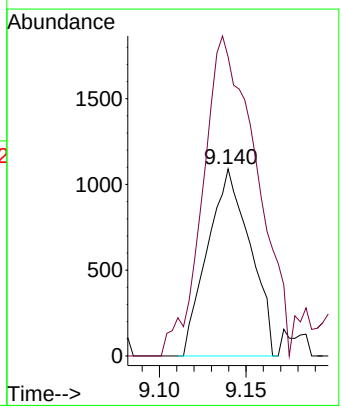


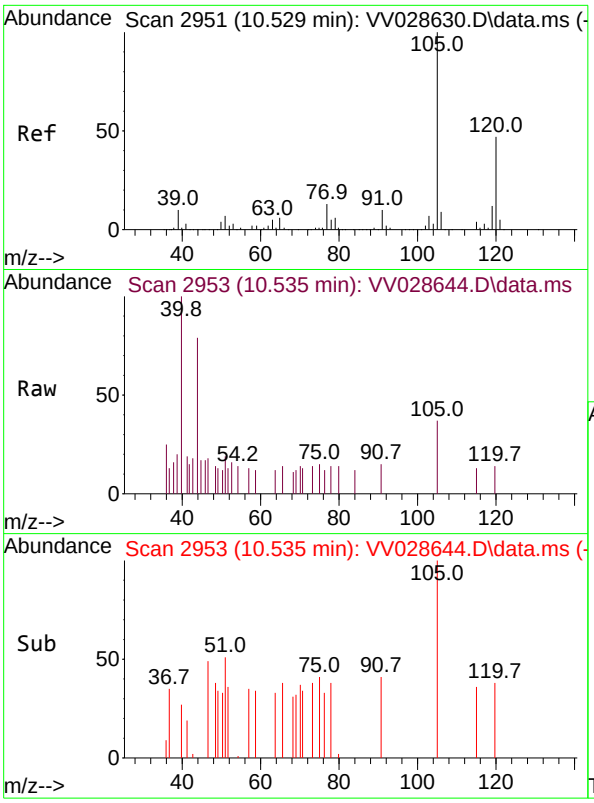


#53
m,p-Xylene
Concen: 0.094 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.013 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Tgt Ion:106 Resp: 1864

Ion	Ratio	Lower	Upper
106	100		
91	159.9	145.5	270.1





#62
1,3,5-Trimethylbenzene
Concen: 0.034 ug/L
RT: 10.535 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV028644.D
Acq: 20 Oct 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :
BHA64

Tgt Ion:105 Resp: 495

Ion	Ratio	Lower	Upper
105	100		
120	47.7	38.3	57.5