Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023558.D
Acq On : 17 Nov 2021 01:09
Operator : SY/MD
Sample : M4627-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4650

Quant Time: Nov 17 03:42:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

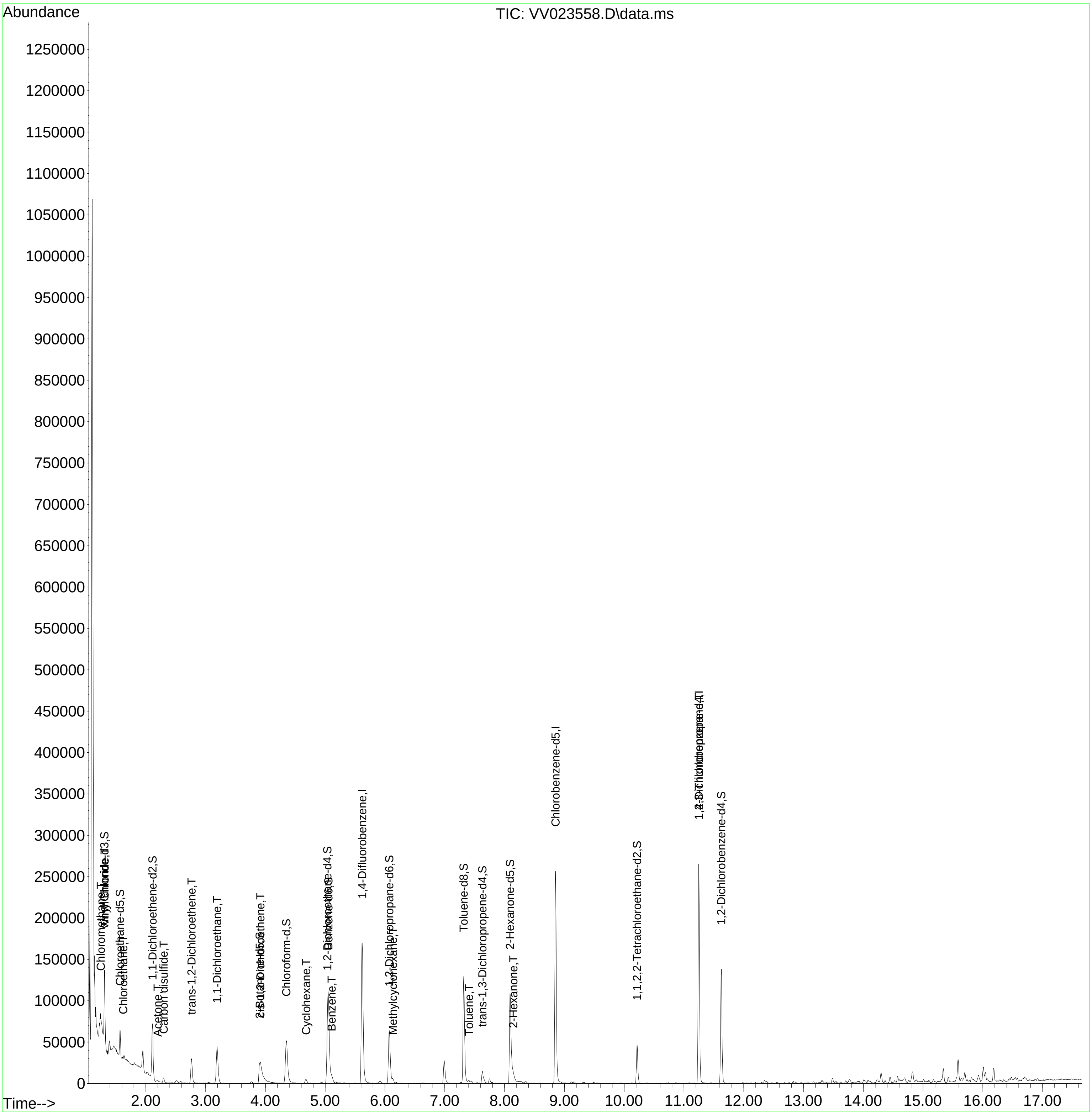
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	153794	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	22826	2.369	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 47.400%			
7) Chloroethane-d5	1.568	69	20028	2.551	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 51.000%#			
11) 1,1-Dichloroethene-d2	2.111	63	33337	1.848	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 37.000%#			
20) 2-Butanone-d5	3.905	46	60306	36.332	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.660%			
24) Chloroform-d	4.349	84	54427	2.651	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 53.000%#			
26) 1,2-Dichloroethane-d4	5.037	65	26053	2.822	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 56.400%#			
32) Benzene-d6	5.053	84	100904	2.708	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 54.200%#			
36) 1,2-Dichloropropane-d6	6.072	67	30498	2.781	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 55.600%#			
41) Toluene-d8	7.317	98	87581	2.508	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 50.200%#			
43) trans-1,3-Dichloroprop...	7.629	79	9257	2.226	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 44.600%#			
46) 2-Hexanone-d5	8.092	63	37749	24.669	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 49.340%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21040	2.667	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 53.400%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	36456	3.027	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 60.600%#			
Target Compounds						Qvalue
3) Chloromethane	1.246	50	2184	0.171	ug/L #	62
5) Vinyl chloride	1.310	62	34290	2.693	ug/L #	42
8) Chloroethane	1.622	64	684	0.093	ug/L #	52
13) Acetone	2.198	43	2181	2.150	ug/L	62
14) Carbon disulfide	2.298	76	6764	0.195	ug/L #	95
18) trans-1,2-Dichloroethene	2.764	96	10854	0.963	ug/L	98
19) 1,1-Dichloroethane	3.191	63	42898	2.254	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	2260	0.208	ug/L #	99
30) Cyclohexane	4.680	56	2459	0.156	ug/L	92
33) Benzene	5.108	78	8196	0.202	ug/L	100
35) Methylcyclohexane	6.133	83	1221	0.072	ug/L #	59
42) Toluene	7.407	91	2679	0.062	ug/L	97
48) 2-Hexanone	8.146	43	6698	2.175	ug/L #	77
61) 1,2,3-Trichloropropane	11.249	75	7715	1.606	ug/L #	68

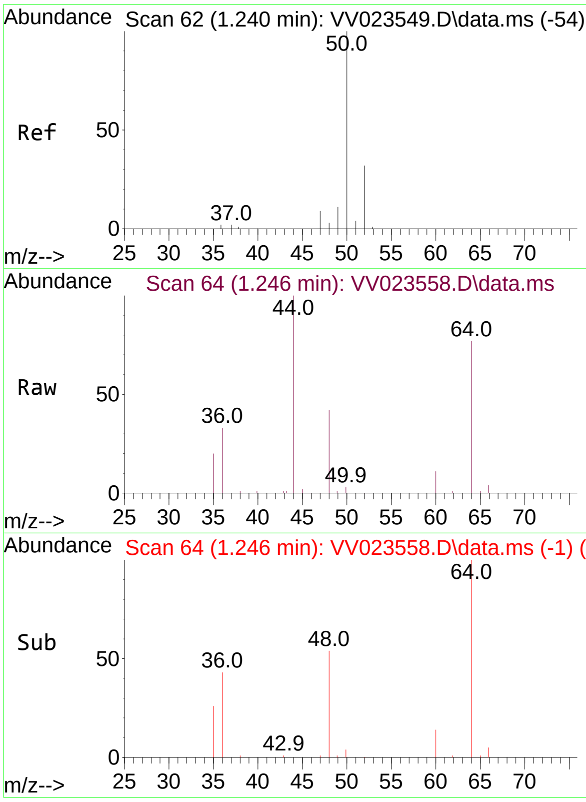
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023558.D
Acq On : 17 Nov 2021 01:09
Operator : SY/MD
Sample : M4627-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4650

Quant Time: Nov 17 03:42:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration





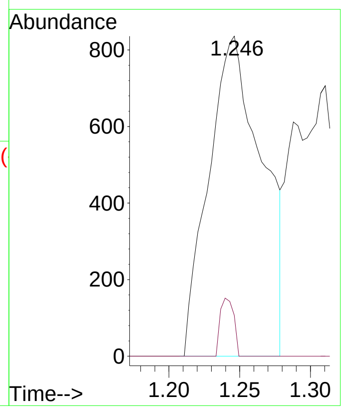
#3
Chloromethane
Concen: 0.171 ug/L
RT: 1.246 min Scan# 6

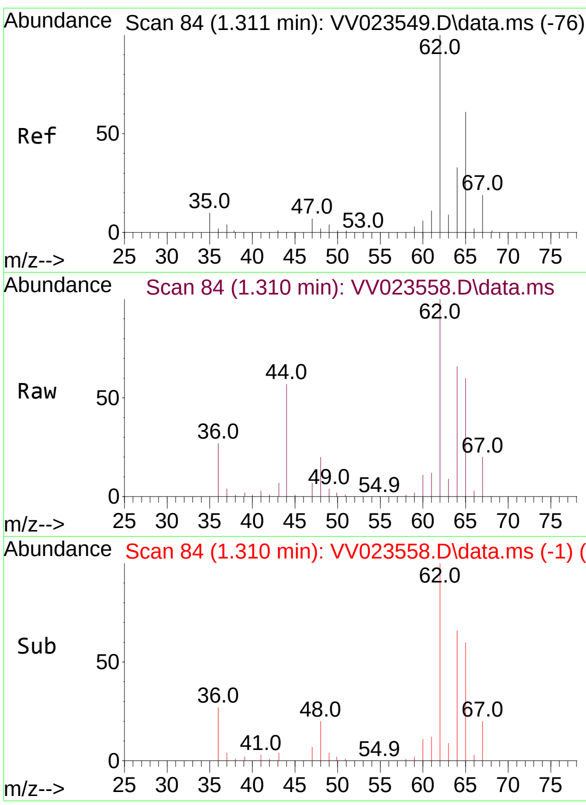
Instrument :
MSVOA_V
ClientSampleId :
H4650

Delta R.T. 0.006 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 50 Resp: 2184

Ion	Ratio	Lower	Upper
50	100		
52	12.8	24.3	45.1#

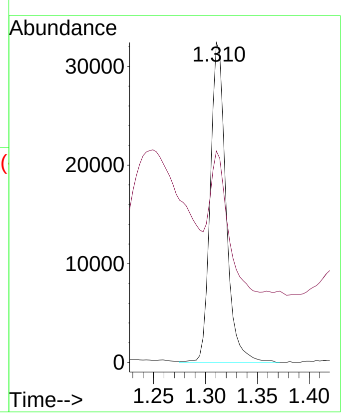


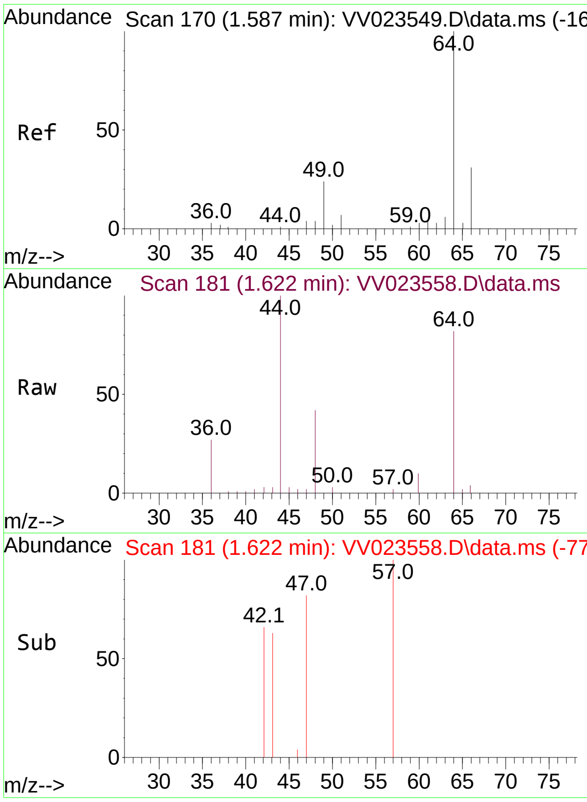


#5
Vinyl chloride
Concen: 2.693 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 62 Resp: 34290

Ion	Ratio	Lower	Upper
62	100		
64	66.0	23.1	42.9#





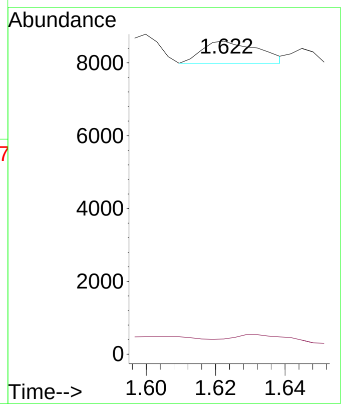
#8
Chloroethane
Concen: 0.093 ug/L
RT: 1.622 min   Scan# 1

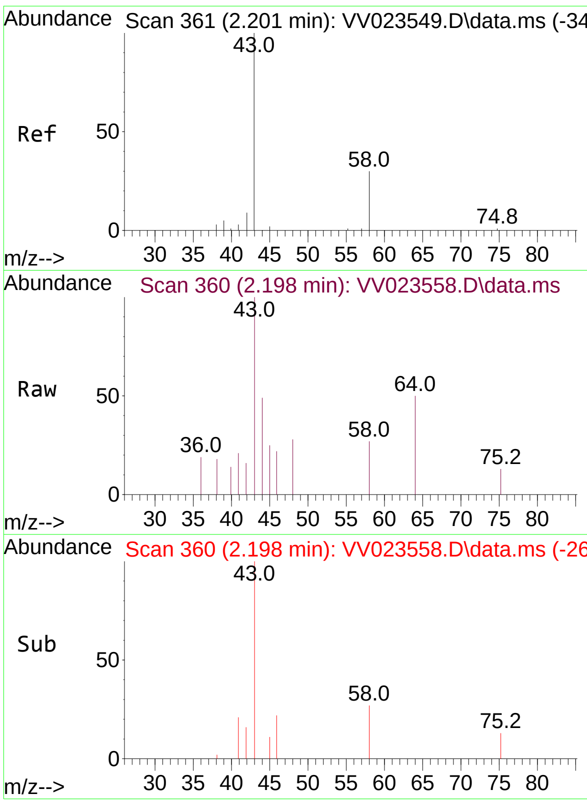
Instrument :
MSVOA_V
ClientSampleId :
H4650

Delta R.T.   0.035 min
Lab File: VV023558.D
Acq: 17 Nov 2021   01:09

Tgt Ion: 64 Resp: 684

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.1	41.1#

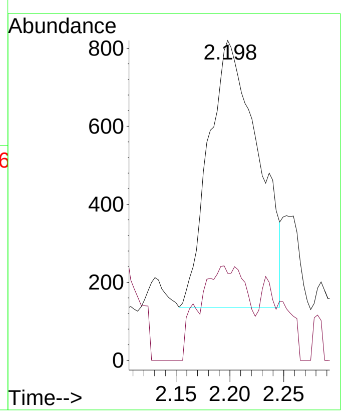


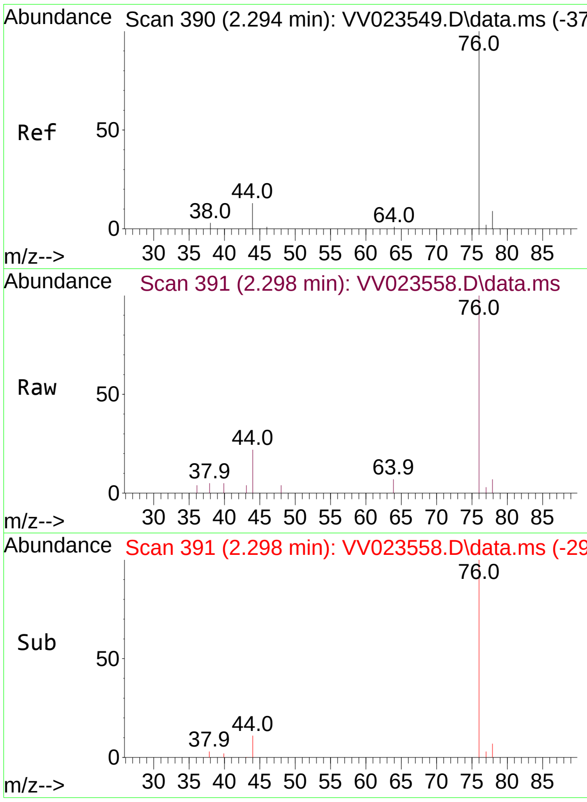


#13
Acetone
Concen: 2.150 ug/L
RT: 2.198 min   Scan# 360
Delta R.T.   -0.003 min
Lab File: VV023558.D
Acq: 17 Nov 2021   01:09

Tgt Ion: 43 Resp: 2181

Ion	Ratio	Lower	Upper
43	100		
58	7.7	0.0	55.4



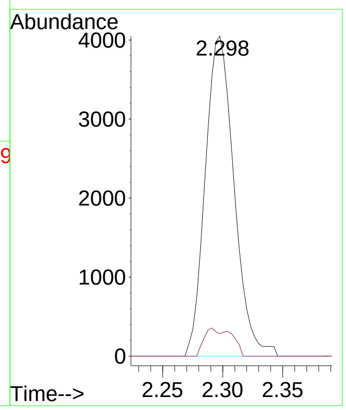


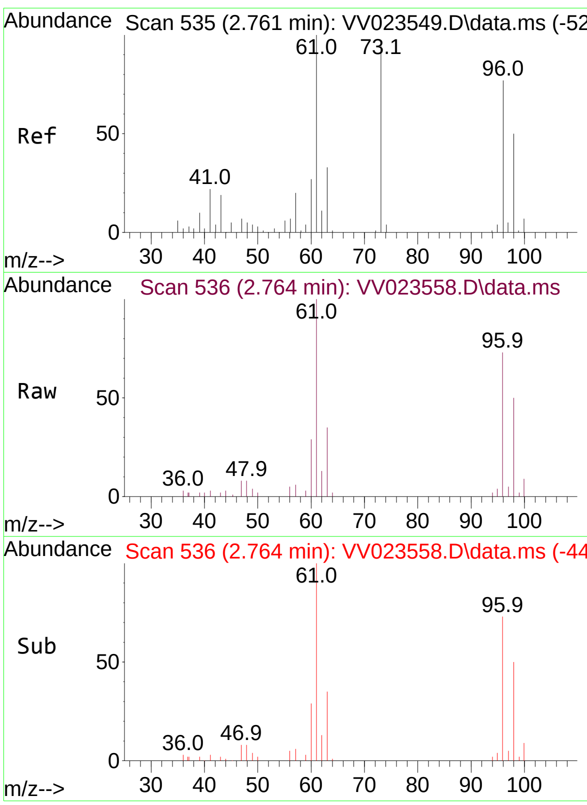
#14
Carbon disulfide
Concen: 0.195 ug/L
RT: 2.298 min Scan# 39
Delta R.T. 0.003 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Instrument :
MSVOA_V
ClientSampleId :
H4650

Tgt Ion: 76 Resp: 6764

Ion	Ratio	Lower	Upper
76	100		
78	7.0	7.2	10.8#

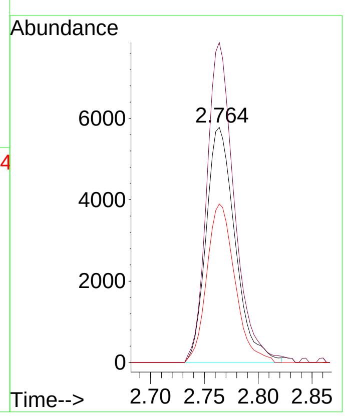


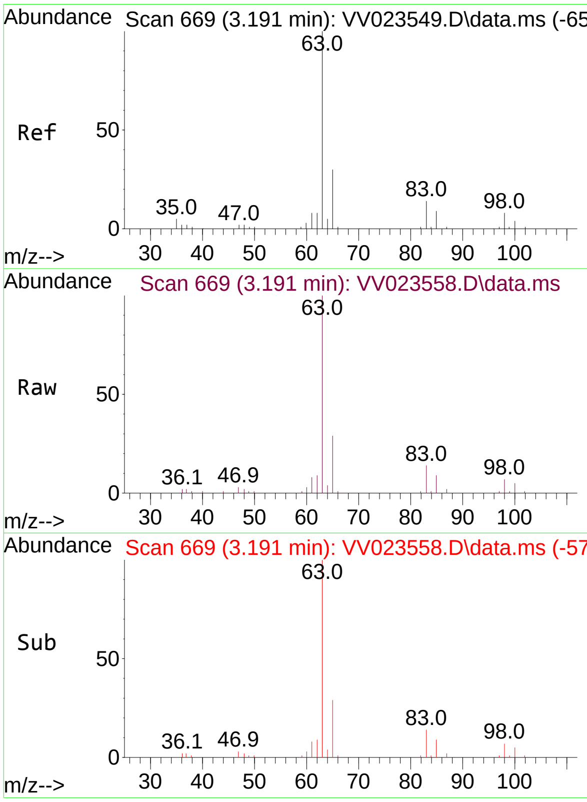


#18
trans-1,2-Dichloroethene
Concen: 0.963 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 96 Resp: 10854

Ion	Ratio	Lower	Upper
96	100		
61	136.1	93.2	173.2
98	67.4	47.0	87.2



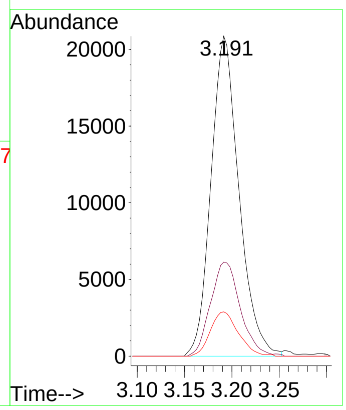


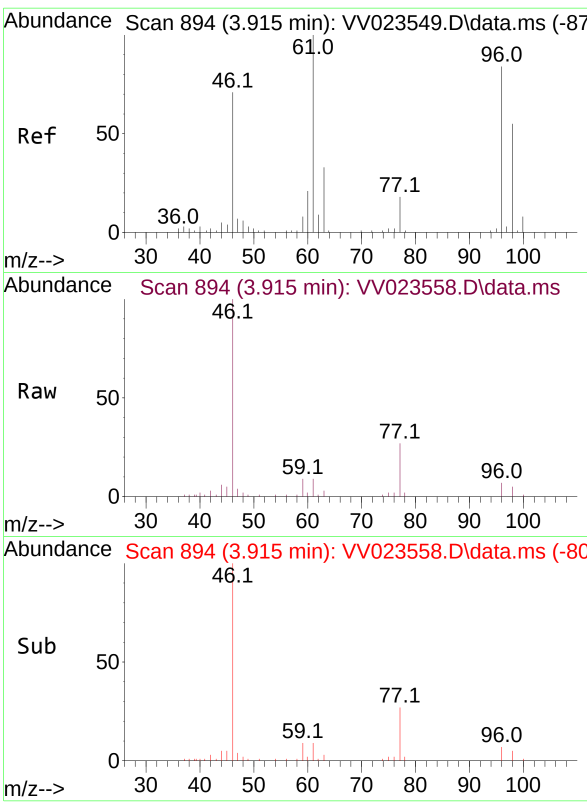
#19
1,1-Dichloroethane
Concen: 2.254 ug/L
RT: 3.191 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Instrument :
MSVOA_V
ClientSampleId :
H4650

Tgt Ion: 63 Resp: 42898

Ion	Ratio	Lower	Upper
63	100		
65	29.4	22.6	42.0
83	13.9	11.1	20.7

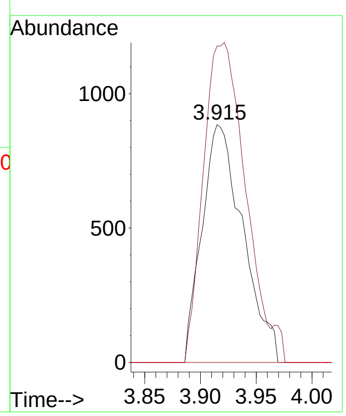


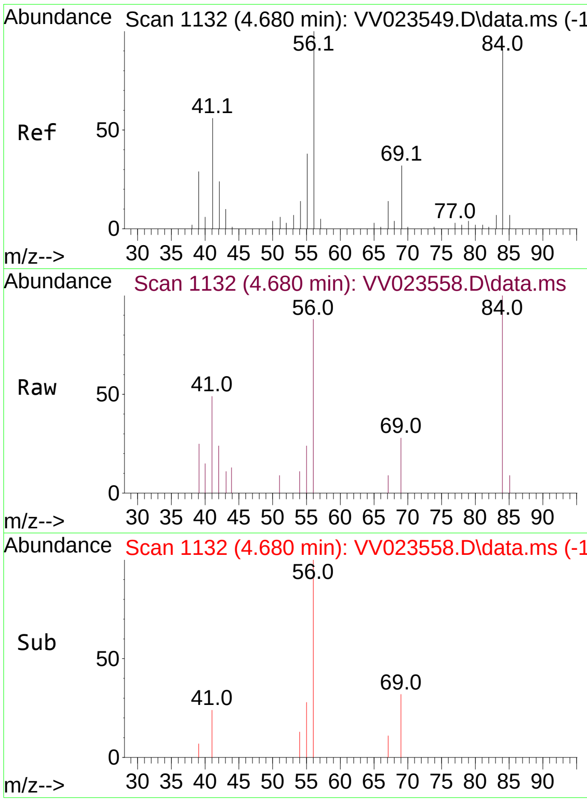


#22
cis-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 96 Resp: 2260

Ion	Ratio	Lower	Upper
96	100		
61	133.1	92.3	171.3
68	0.0	0.4	0.8#





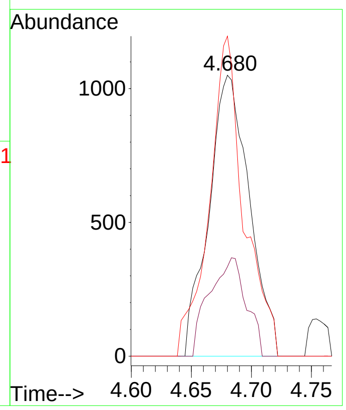
#30
Cyclohexane
Concen: 0.156 ug/L
RT: 4.680 min Scan# 1

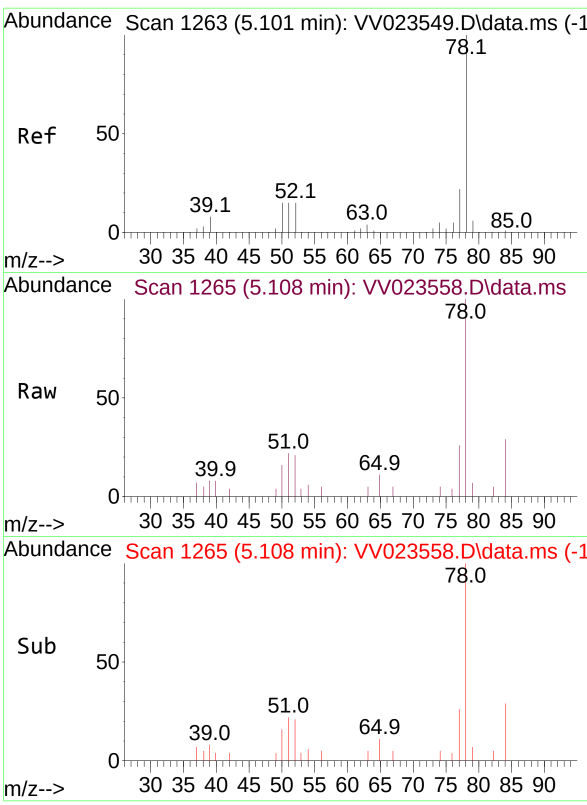
Instrument :
MSVOA_V
ClientSampleId :
H4650

Delta R.T. -0.000 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 56 Resp: 2459

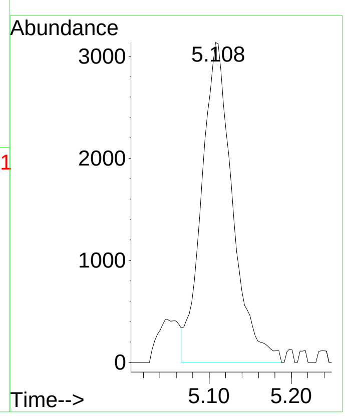
Ion	Ratio	Lower	Upper
56	100		
69	32.0	23.5	35.3
84	97.5	71.6	107.4

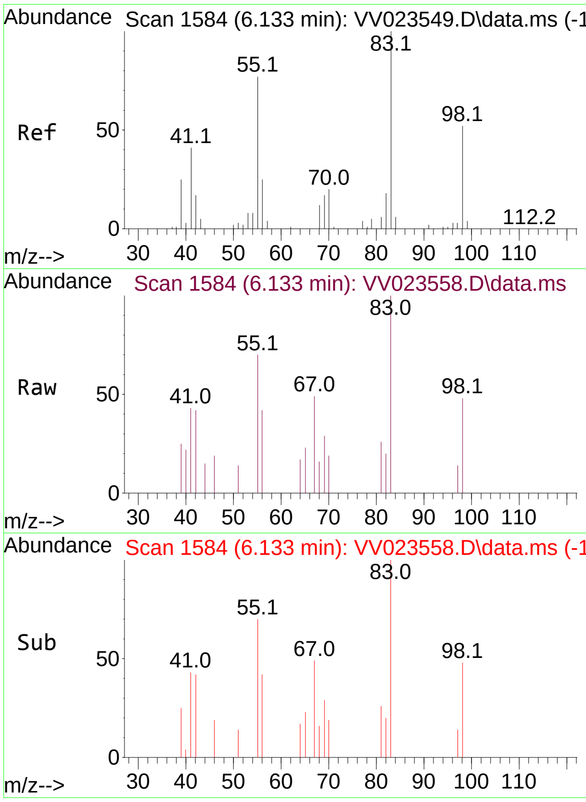




#33
Benzene
Concen: 0.202 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 78 Resp: 8196



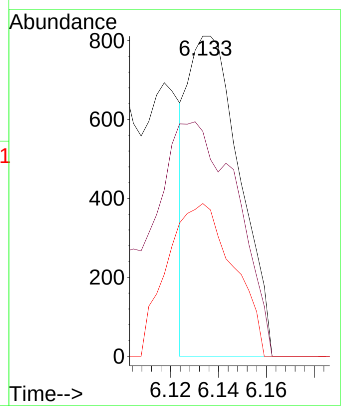


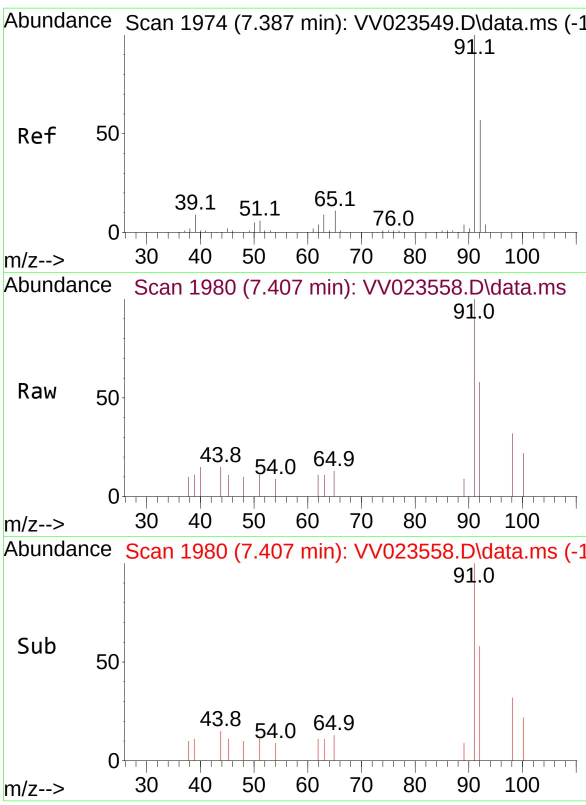
#35
Methylcyclohexane
Concen: 0.072 ug/L
RT: 6.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Instrument :
MSVOA_V
ClientSampleId :
H4650

Tgt Ion: 83 Resp: 1221

Ion	Ratio	Lower	Upper
83	100		
55	124.6	62.8	94.2#
98	61.0	37.9	56.9#

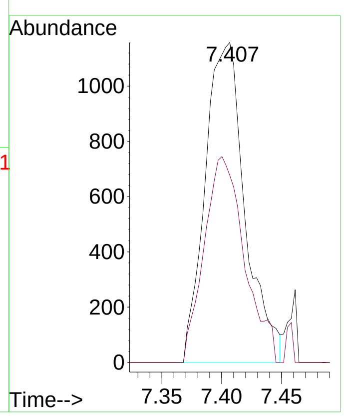


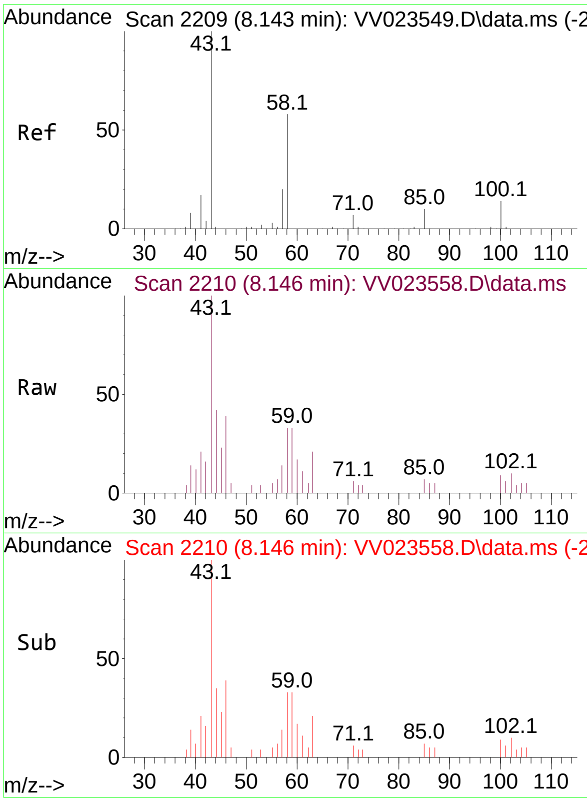


#42
Toluene
Concen: 0.062 ug/L
RT: 7.407 min Scan# 1980
Delta R.T. 0.019 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 91 Resp: 2679

Ion	Ratio	Lower	Upper
91	100		
92	58.5	39.3	72.9





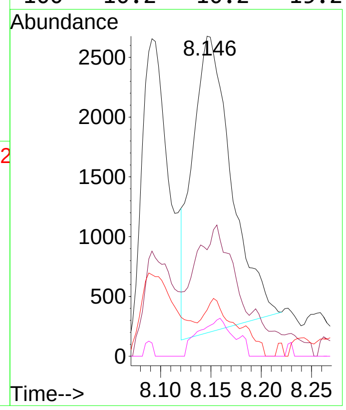
#48
2-Hexanone
Concen: 2.175 ug/L
RT: 8.146 min Scan# 2

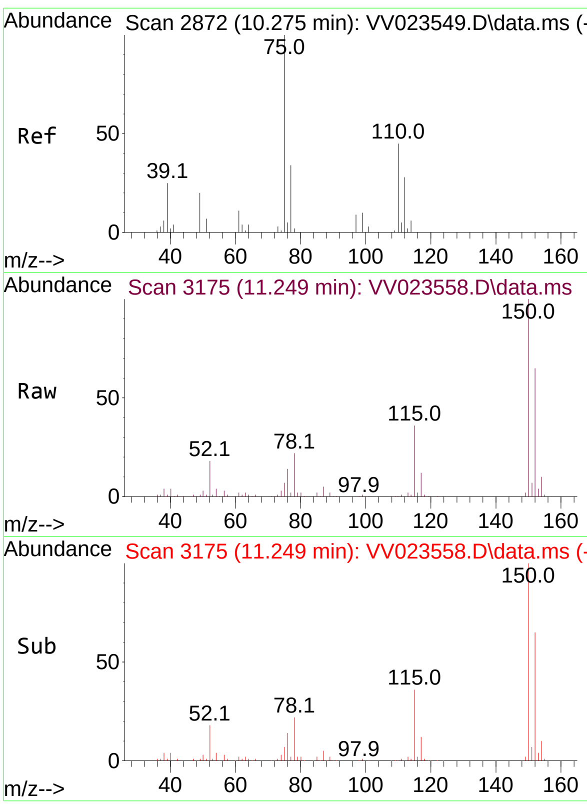
Instrument :
MSVOA_V
ClientSampleId :
H4650

Delta R.T. 0.003 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 43 Resp: 6698

Ion	Ratio	Lower	Upper
43	100		
58	29.9	43.7	65.5#
57	16.6	14.1	21.1
100	10.2	10.2	15.2





#61
1,2,3-Trichloropropane
Concen: 1.606 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023558.D
Acq: 17 Nov 2021 01:09

Tgt Ion: 75 Resp: 7715

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	39.8
110	3.2	31.8	47.6#