Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041222\
Data File : VV025472.D
Acq On : 12 Apr 2022 14:22
Operator : SY/MD
Sample : N2372-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Quant Time: Apr 13 02:33:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 13 02:31:13 2022
Response via : Initial Calibration

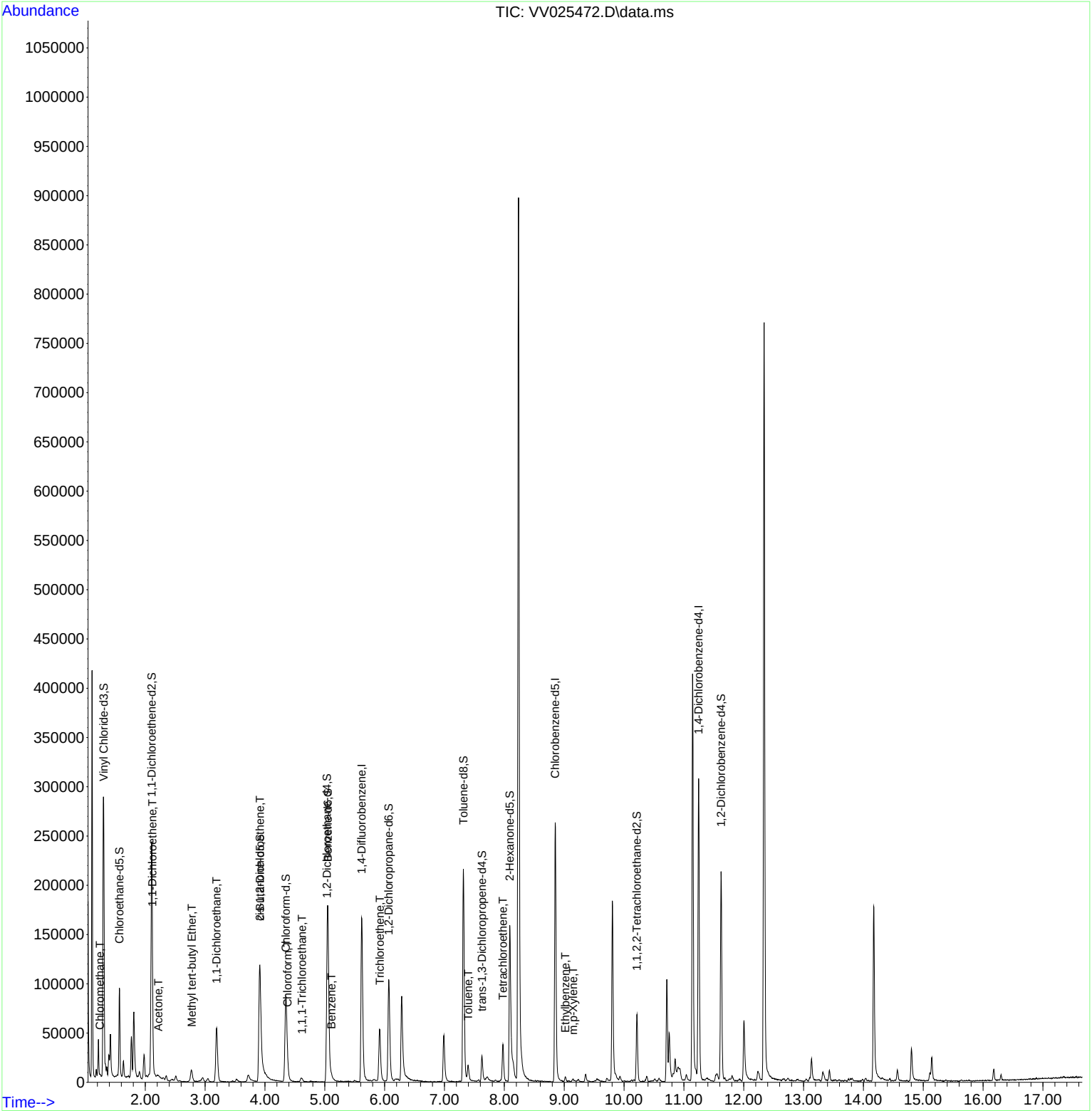
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	148080	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55330	4.019	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.400%			
7) Chloroethane-d5	1.568	69	52730	3.600	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.000%			
11) 1,1-Dichloroethene-d2	2.108	63	94746	3.435	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.800%			
20) 2-Butanone-d5	3.915	46	59970	35.811	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 71.620%			
24) Chloroform-d	4.349	84	89490	4.302	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.000%			
26) 1,2-Dichloroethane-d4	5.037	65	39624	4.420	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
32) Benzene-d6	5.050	84	168781	3.949	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.000%			
36) 1,2-Dichloropropane-d6	6.069	67	51447	4.316	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.400%			
41) Toluene-d8	7.316	98	148242	3.737	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.800%			
43) trans-1,3-Dichloroprop...	7.625	79	15564	3.885	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.600%			
46) 2-Hexanone-d5	8.091	63	60953	43.348	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.700%			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32238	4.281	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	51783	4.038	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.800%			
Target Compounds						Qvalue
3) Chloromethane	1.243	50	820	0.056	ug/L #	70
12) 1,1-Dichloroethene	2.121	96	10793	0.840	ug/L #	1
13) Acetone	2.217	43	13499	11.876	ug/L #	39
17) Methyl tert-butyl Ether	2.776	73	10270	0.517	ug/L #	85
19) 1,1-Dichloroethane	3.191	63	54101	2.968	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	55698	4.916	ug/L	95
25) Chloroform	4.378	83	7170	0.373	ug/L	95
29) 1,1,1-Trichloroethane	4.619	97	3161	0.181	ug/L	90
33) Benzene	5.111	78	5648	0.129	ug/L	100
34) Trichloroethene	5.918	95	10127	0.874	ug/L	86
42) Toluene	7.394	91	13007	0.274	ug/L	99
47) Tetrachloroethene	7.976	164	8080	0.891	ug/L	94
52) Ethylbenzene	9.021	91	3493	0.069	ug/L	94
53) m,p-Xylene	9.149	106	794	0.041	ug/L	91

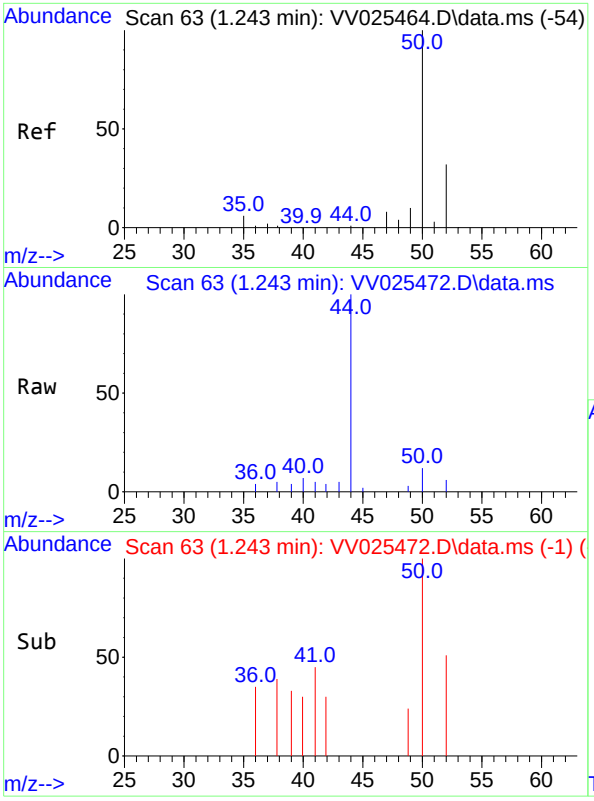
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041222\
Data File : VV025472.D
Acq On : 12 Apr 2022 14:22
Operator : SY/MD
Sample : N2372-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Quant Time: Apr 13 02:33:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 13 02:31:13 2022
Response via : Initial Calibration



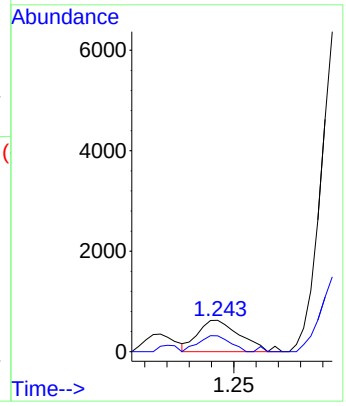


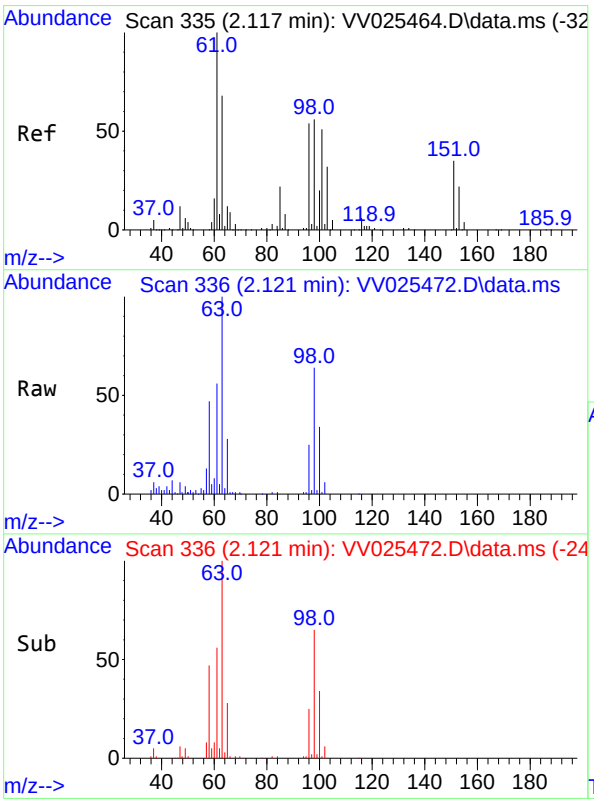
#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.243 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Tgt Ion: 50 Resp: 820

Ion	Ratio	Lower	Upper
50	100		
52	50.9	23.7	43.9#

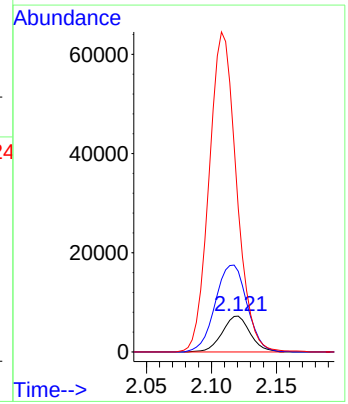


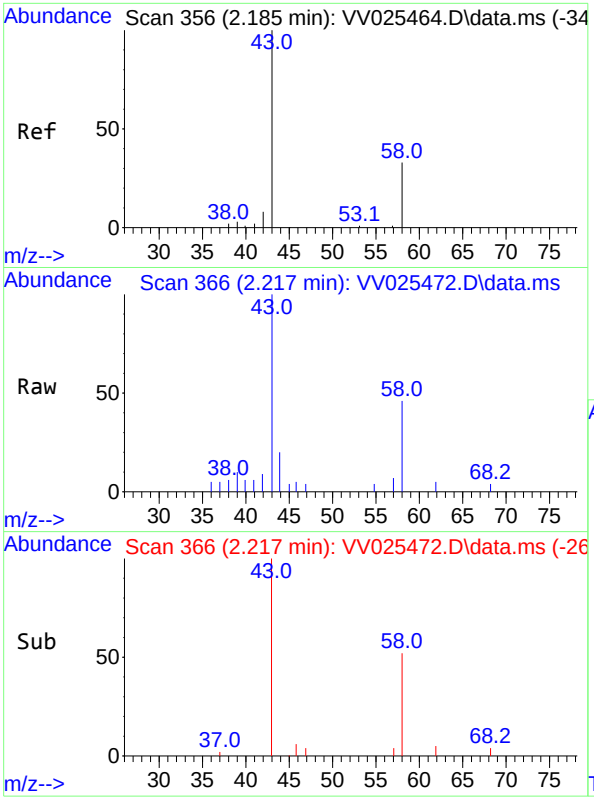


#12
1,1-Dichloroethene
Concen: 0.840 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 96 Resp: 10793

Ion	Ratio	Lower	Upper
96	100		
61	225.5	125.2	232.4
63	401.3	114.4	212.4#



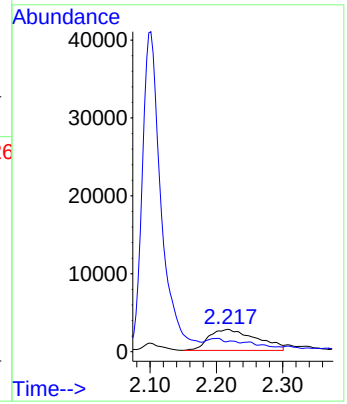


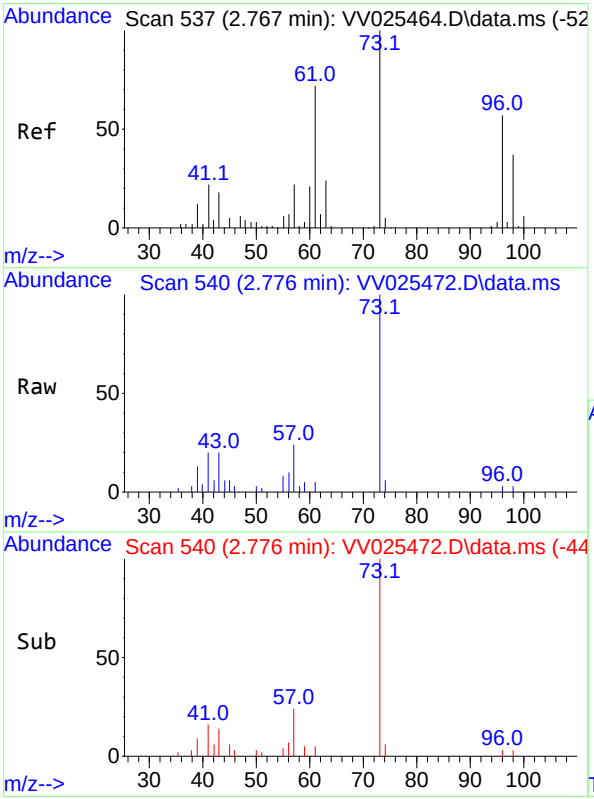
#13
Acetone
Concen: 11.876 ug/L
RT: 2.217 min Scan# 3
Delta R.T. 0.032 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Tgt Ion: 43 Resp: 13499

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	72.2

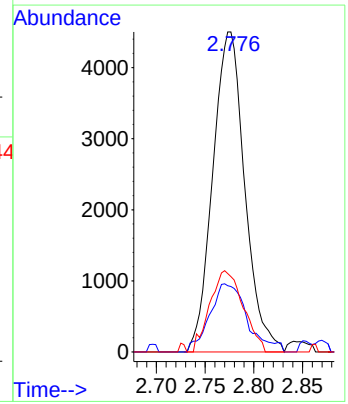


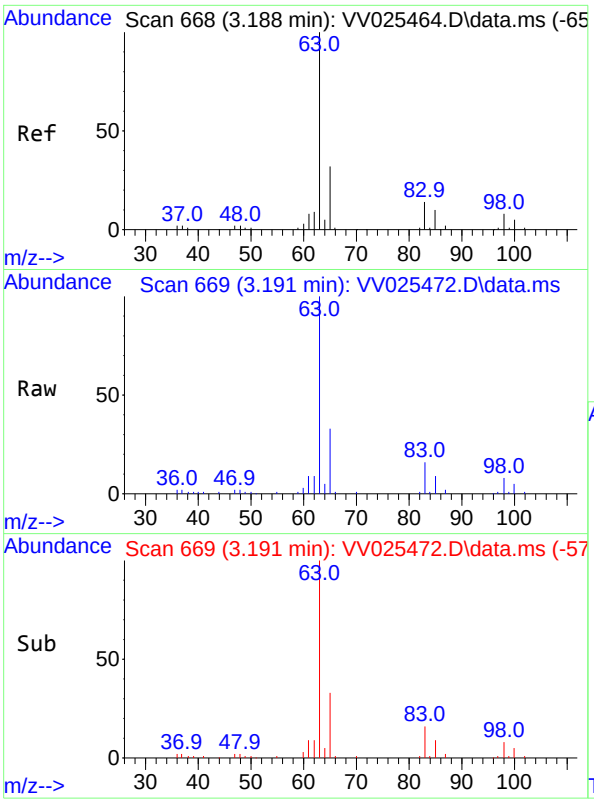


#17
Methyl tert-butyl Ether
Concen: 0.517 ug/L
RT: 2.776 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 73 Resp: 10270

Ion	Ratio	Lower	Upper
73	100		
43	25.0	14.2	21.4#
57	26.4	16.1	24.1#



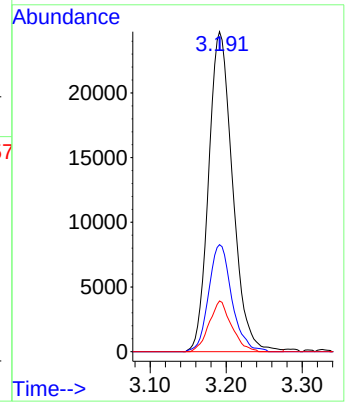


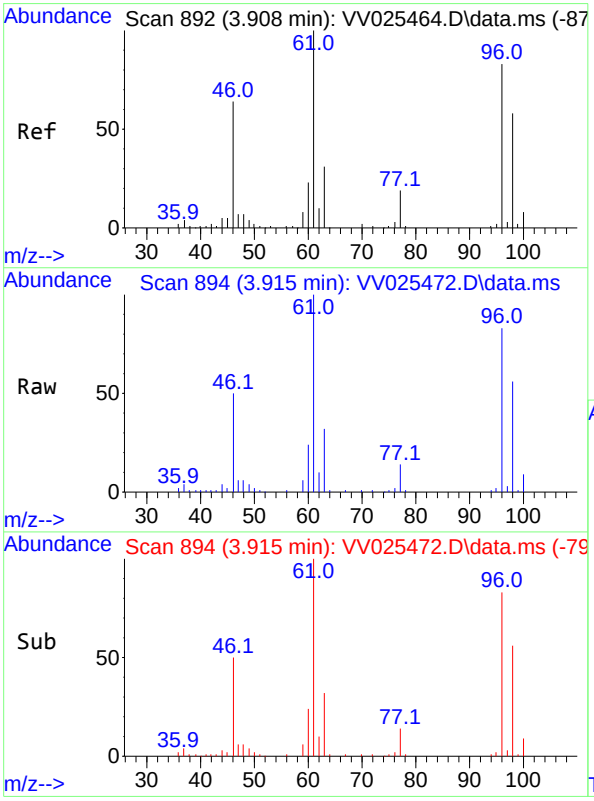
#19
1,1-Dichloroethane
Concen: 2.968 ug/L
RT: 3.191 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Tgt Ion: 63 Resp: 54101

Ion	Ratio	Lower	Upper
63	100		
65	33.4	23.2	43.0
83	15.8	9.0	16.8

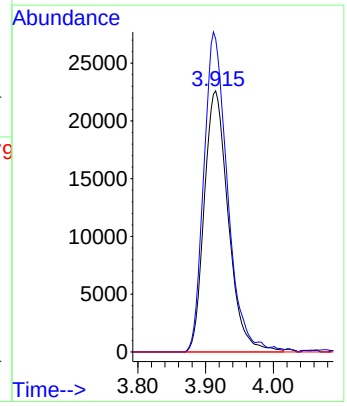


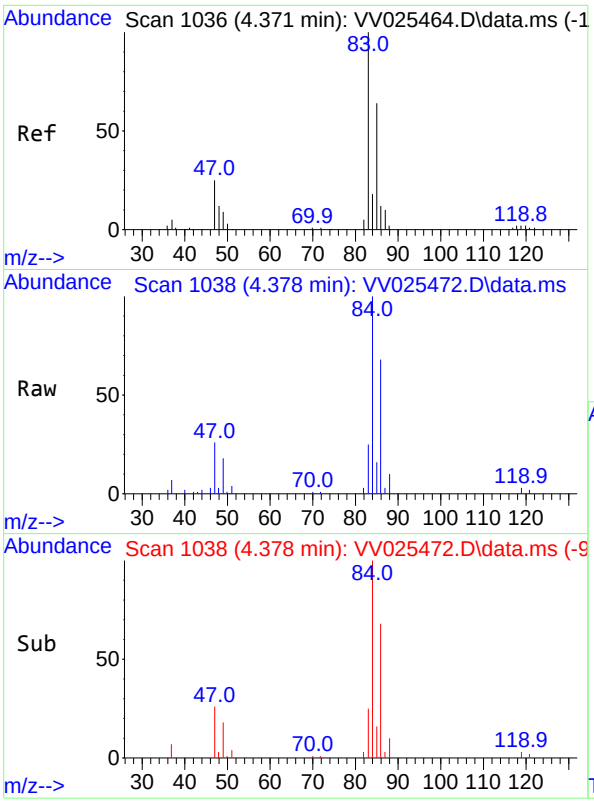


#22
cis-1,2-Dichloroethene
Concen: 4.916 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 96 Resp: 55698

Ion	Ratio	Lower	Upper
96	100		
61	119.9	80.0	148.6
68	0.0	0.0	0.0



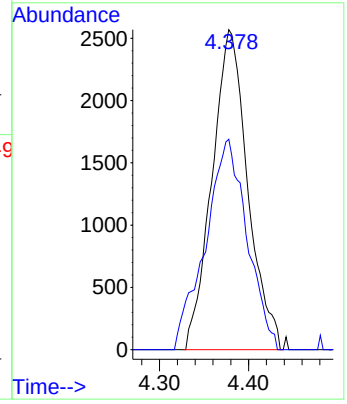


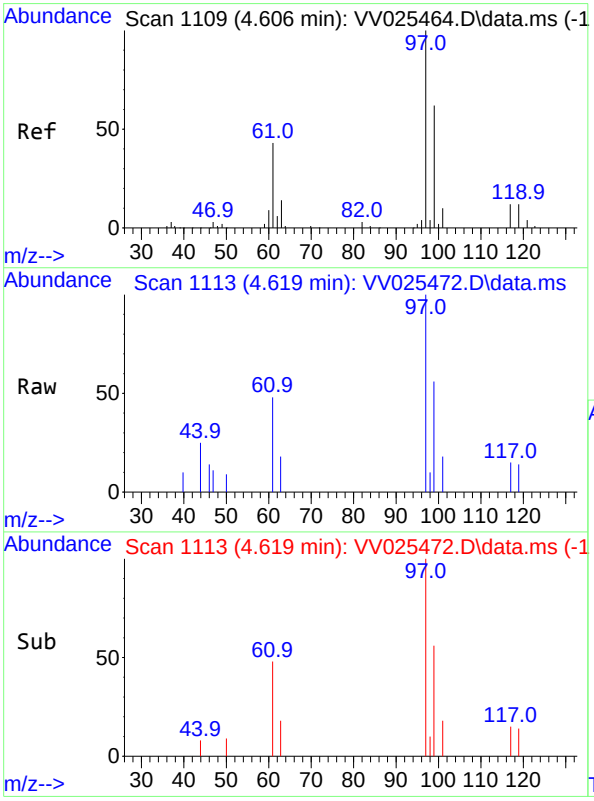
#25
Chloroform
Concen: 0.373 ug/L
RT: 4.378 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Tgt Ion: 83 Resp: 7170

Ion	Ratio	Lower	Upper
83	100		
85	65.7	43.5	80.7

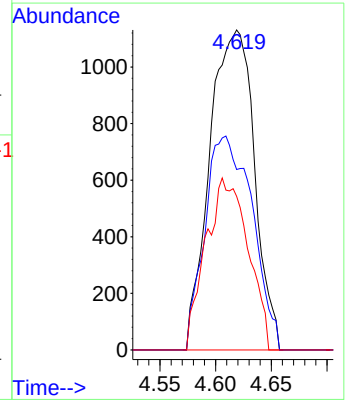


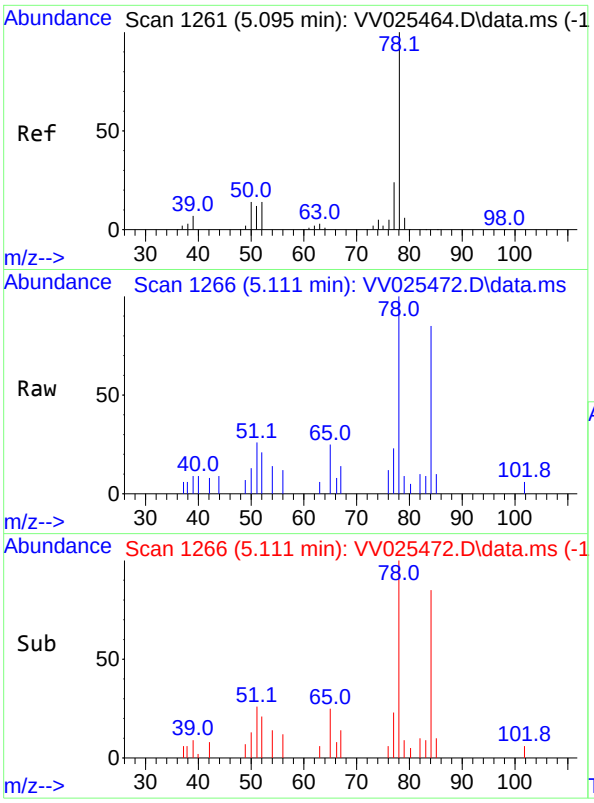


#29
1,1,1-Trichloroethane
Concen: 0.181 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. 0.013 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 97 Resp: 3161

Ion	Ratio	Lower	Upper
97	100		
99	70.9	51.5	77.3
61	50.8	34.3	51.5

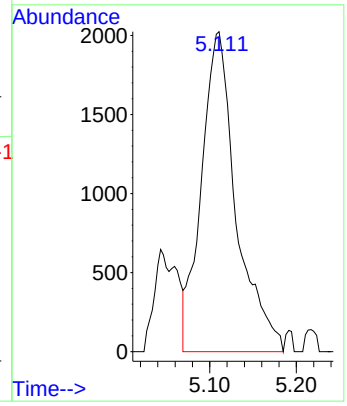


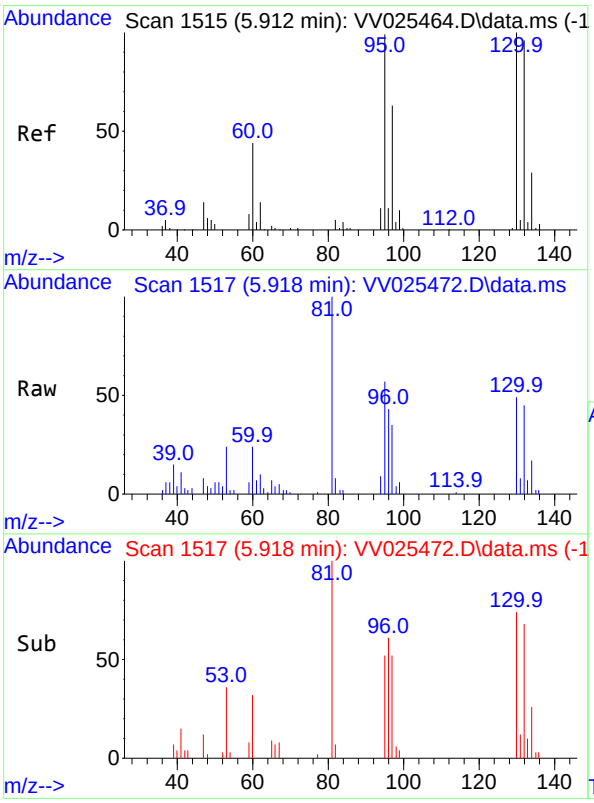


#33
Benzene
Concen: 0.129 ug/L
RT: 5.111 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Tgt Ion: 78 Resp: 5648

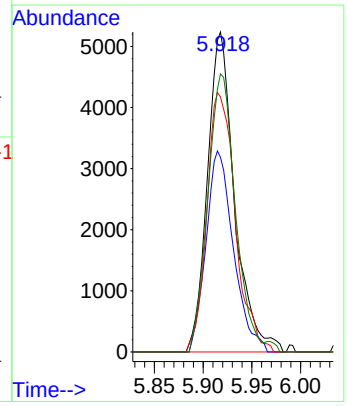


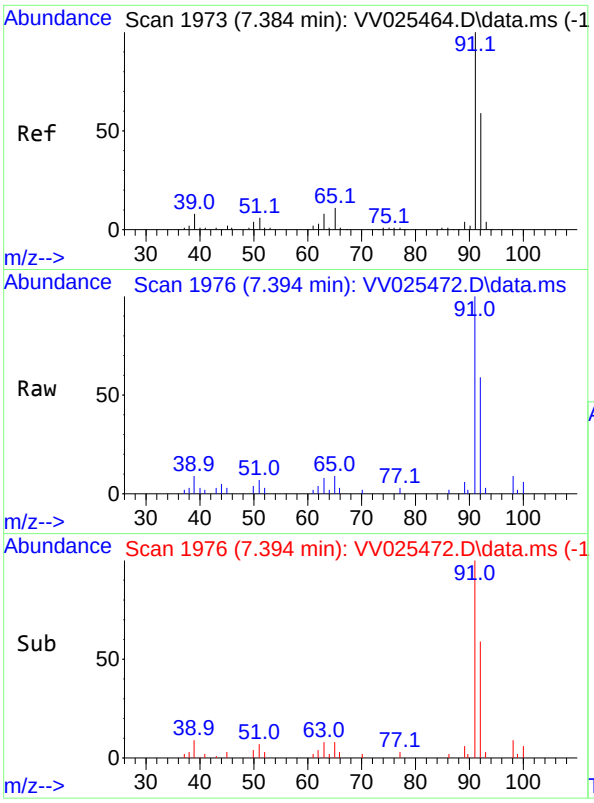


#34
Trichloroethene
Concen: 0.874 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 95 Resp: 10127

Ion	Ratio	Lower	Upper
95	100		
97	60.9	45.8	85.2
132	79.7	68.0	126.4
130	86.9	71.9	133.5



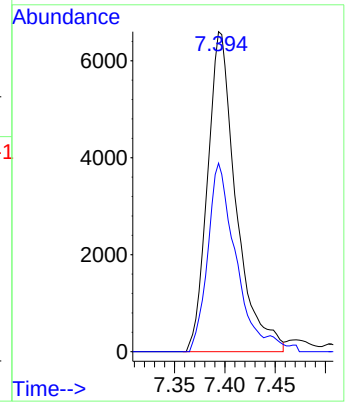


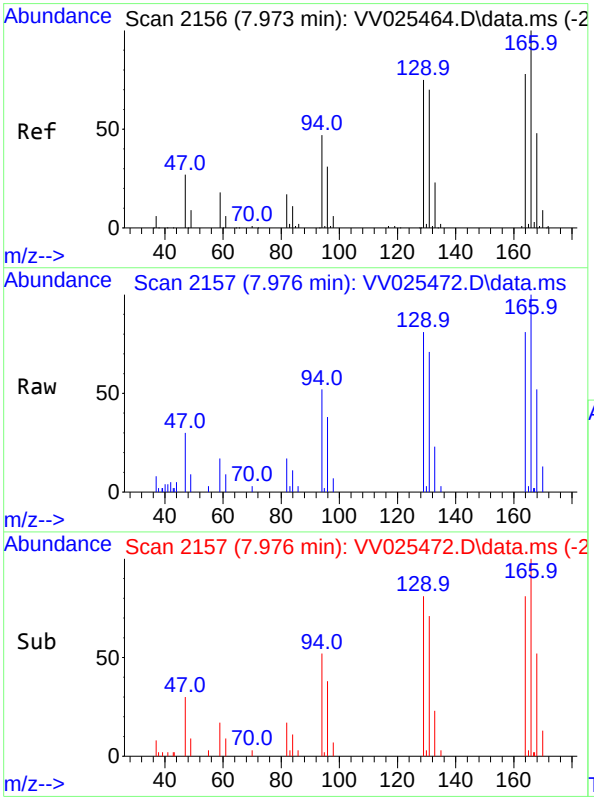
#42
Toluene
Concen: 0.274 ug/L
RT: 7.394 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Tgt Ion: 91 Resp: 13007

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.8	75.8

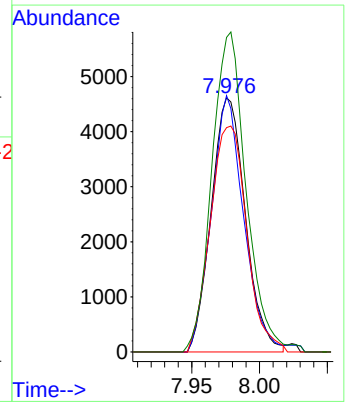


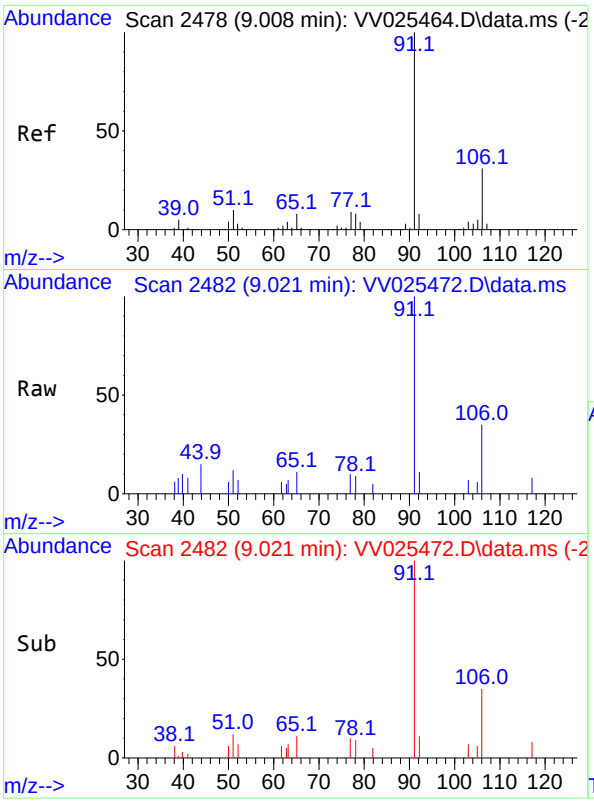


#47
Tetrachloroethene
Concen: 0.891 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion:164 Resp: 8080

Ion	Ratio	Lower	Upper
164	100		
129	100.8	66.8	124.2
131	88.3	66.4	123.4
166	123.7	91.7	170.3



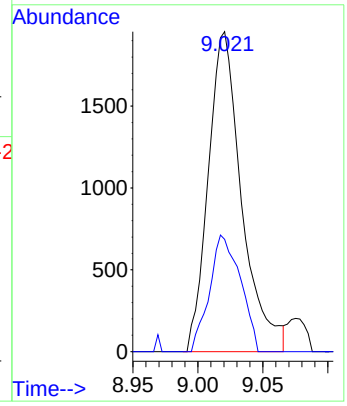


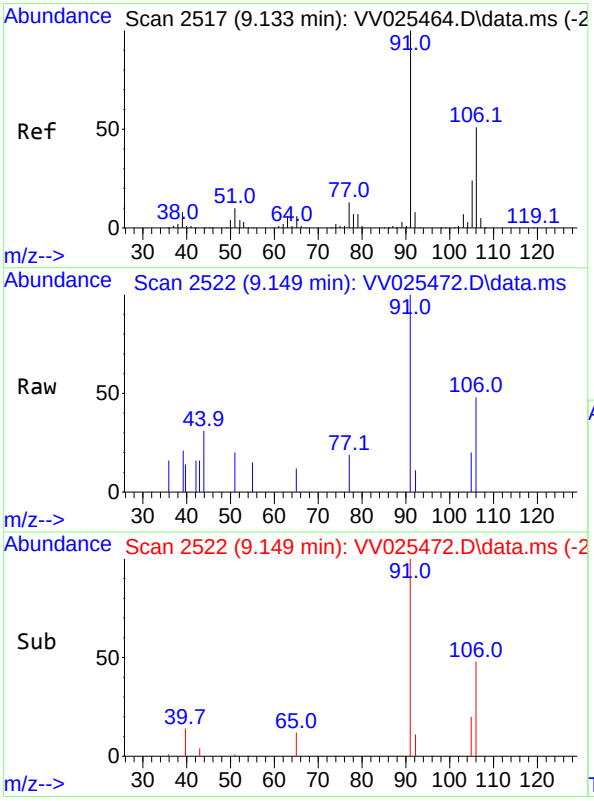
#52
Ethylbenzene
Concen: 0.069 ug/L
RT: 9.021 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Tgt Ion: 91 Resp: 3493

Ion	Ratio	Lower	Upper
91	100		
106	35.1	22.3	41.3





#53
m,p-Xylene
Concen: 0.041 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.016 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion:106 Resp: 794

Ion	Ratio	Lower	Upper
106	100		
91	208.9	136.4	253.4