Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026300.D
Acq On : 16 Jun 2022 00:32
Operator : SY/MD
Sample : N3320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Quant Time: Jun 16 06:56:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:34:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	188874	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	183870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	79153	4.825	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.400%			
7) Chloroethane-d5	1.581	69	65665	5.091	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.121	63	115143	4.087	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.800%			
20) 2-Butanone-d5	3.925	46	83972	52.458	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.920%			
24) Chloroform-d	4.362	84	125138	5.204	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.000%			
26) 1,2-Dichloroethane-d4	5.043	65	52060	5.118	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	5.060	84	247275	5.030	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
36) 1,2-Dichloropropane-d6	6.076	67	75266	5.246	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.000%			
41) Toluene-d8	7.320	98	201337	4.492	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
43) trans-1,3-Dichloroprop...	7.629	79	19954	4.289	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.800%			
46) 2-Hexanone-d5	8.092	63	62172	44.240	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.480%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45519	5.150	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	63830	5.365	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.323	62	9487	0.582	ug/L	88
12) 1,1-Dichloroethene	2.130	96	14354	1.203	ug/L #	1
13) Acetone	2.211	43	56694	45.701	ug/L	94
14) Carbon disulfide	2.307	76	3481	0.118	ug/L	100
15) Methyl Acetate	2.462	43	7099	2.385	ug/L	96
19) 1,1-Dichloroethane	3.204	63	21313	0.966	ug/L	97
22) cis-1,2-Dichloroethene	3.928	96	14087	1.203	ug/L	97
29) 1,1,1-Trichloroethane	4.629	97	1322	0.065	ug/L	94
34) Trichloroethene	5.918	95	81450	6.329	ug/L	97
42) Toluene	7.400	91	9969	0.201	ug/L	95
47) Tetrachloroethene	7.979	164	1099	0.115	ug/L	95
52) Ethylbenzene	9.021	91	2322	0.047	ug/L	94
53) m,p-Xylene	9.146	106	3128	0.161	ug/L	97
54) o-Xylene	9.551	106	1332	0.071	ug/L	92
63) 1,2,4-Trimethylbenzene	10.918	105	4210	0.130	ug/L	97

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

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Quant Time: Jun 16 06:56:34 2022
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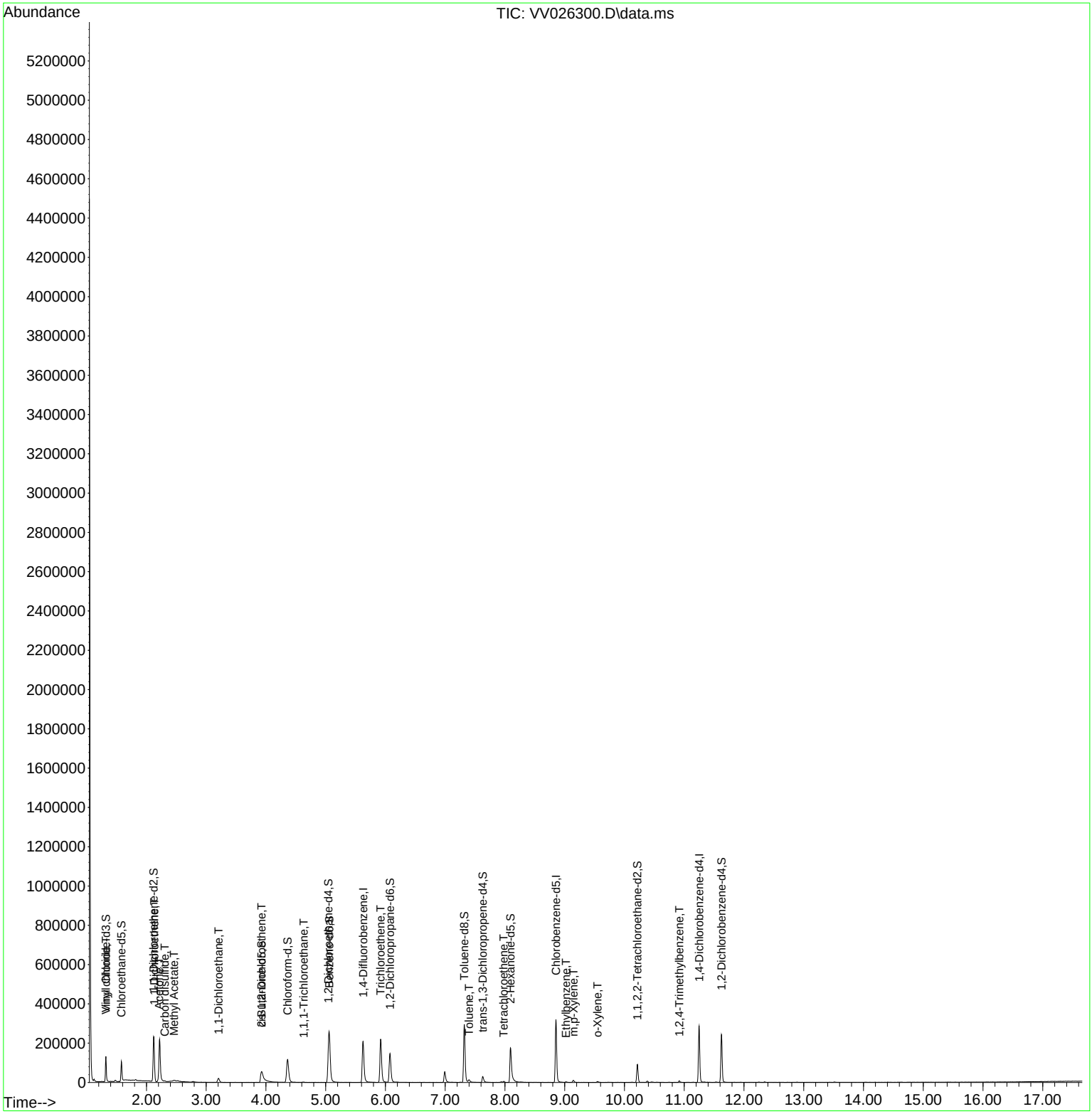
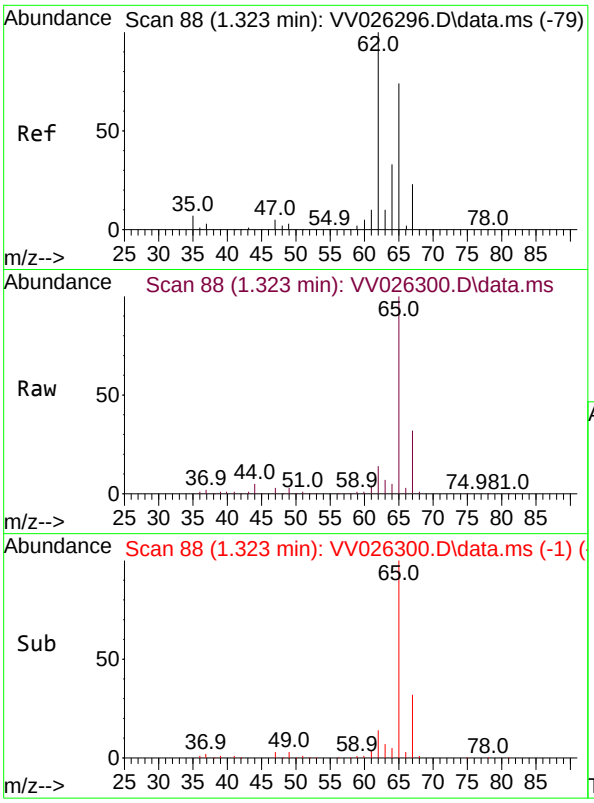
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:34:39 2022
Response via : Initial Calibration



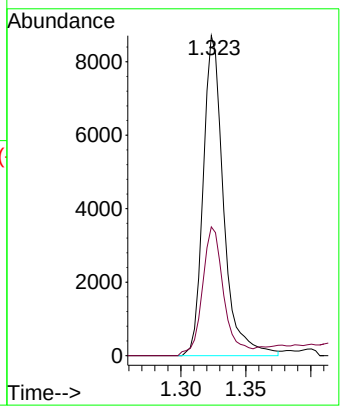


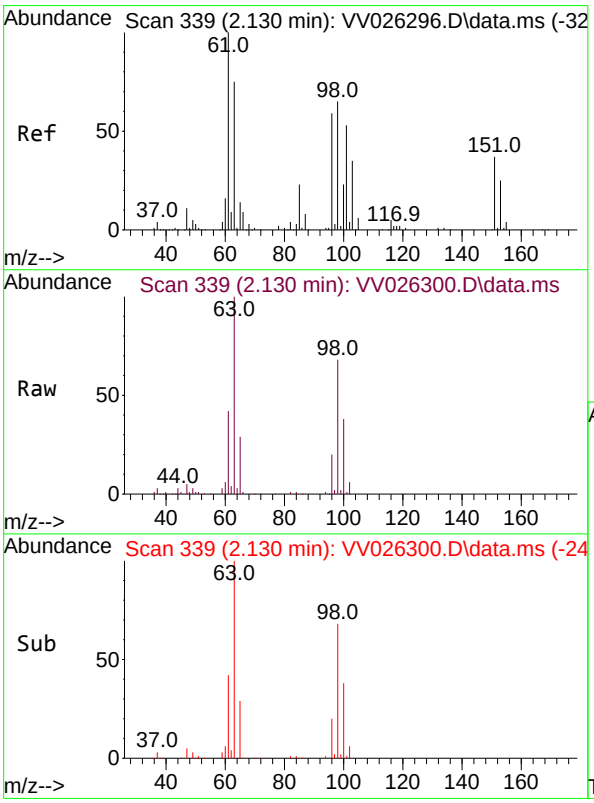
#5
Vinyl chloride
Concen: 0.582 ug/L
RT: 1.323 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Tgt Ion: 62 Resp: 9487

Ion	Ratio	Lower	Upper
62	100		
64	40.2	23.2	43.2

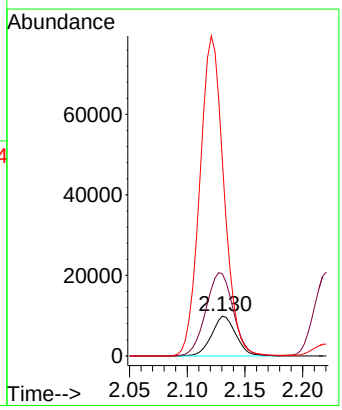


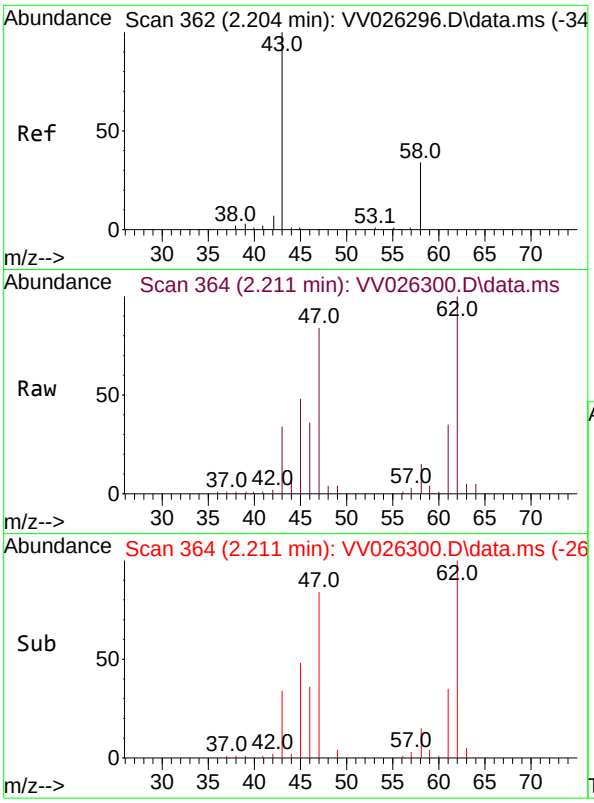


#12
1,1-Dichloroethene
Concen: 1.203 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.000 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Tgt Ion: 96 Resp: 14354

Ion	Ratio	Lower	Upper
96	100		
61	206.2	117.1	217.5
63	491.6	92.8	172.4#



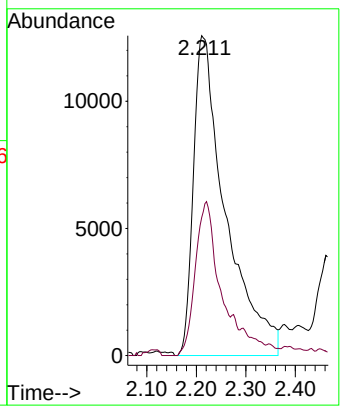


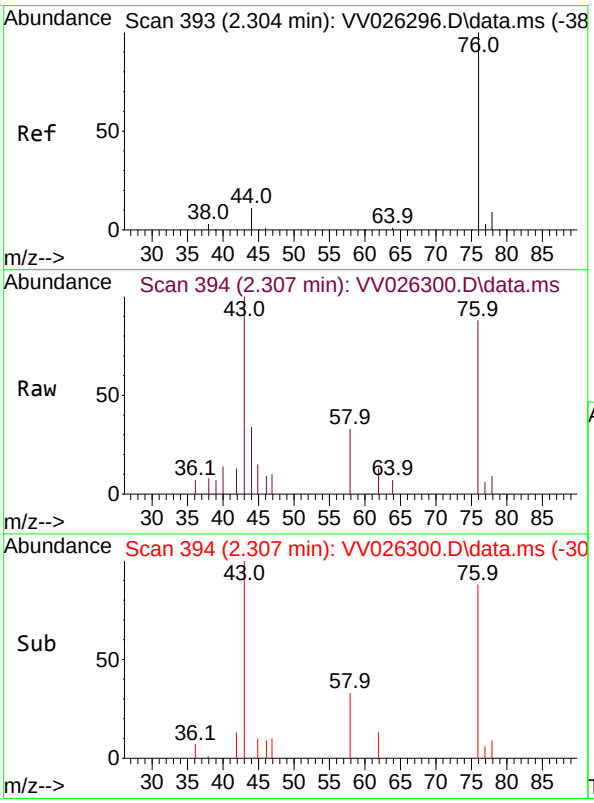
#13
Acetone
Concen: 45.701 ug/L
RT: 2.211 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Tgt Ion: 43 Resp: 56694

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	60.0

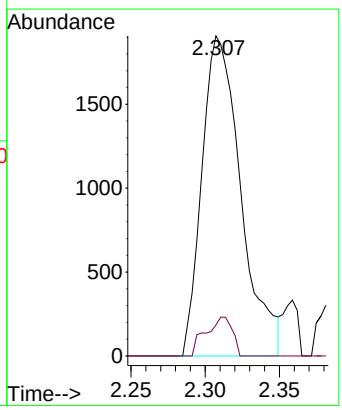


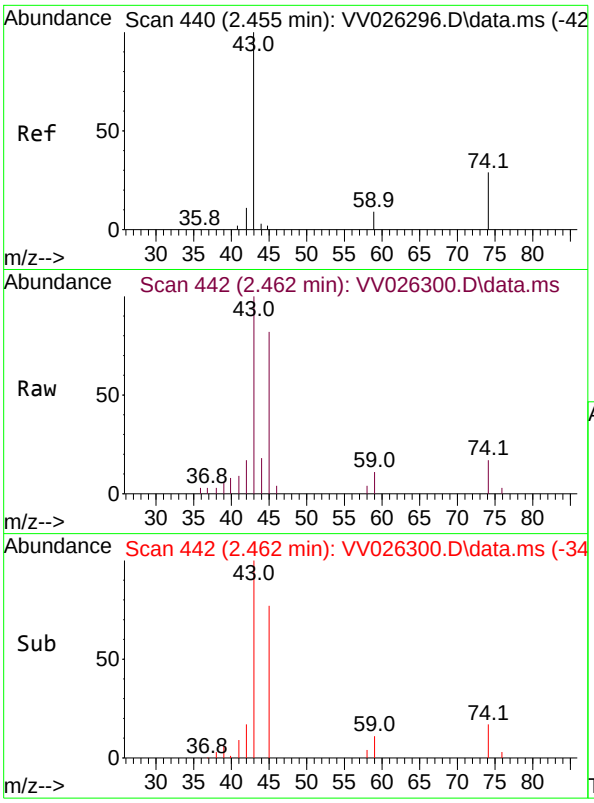


#14
Carbon disulfide
Concen: 0.118 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Tgt Ion: 76 Resp: 3481

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.7	11.5



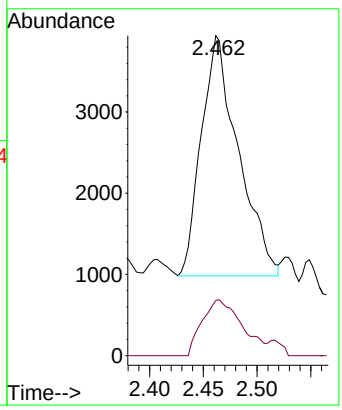


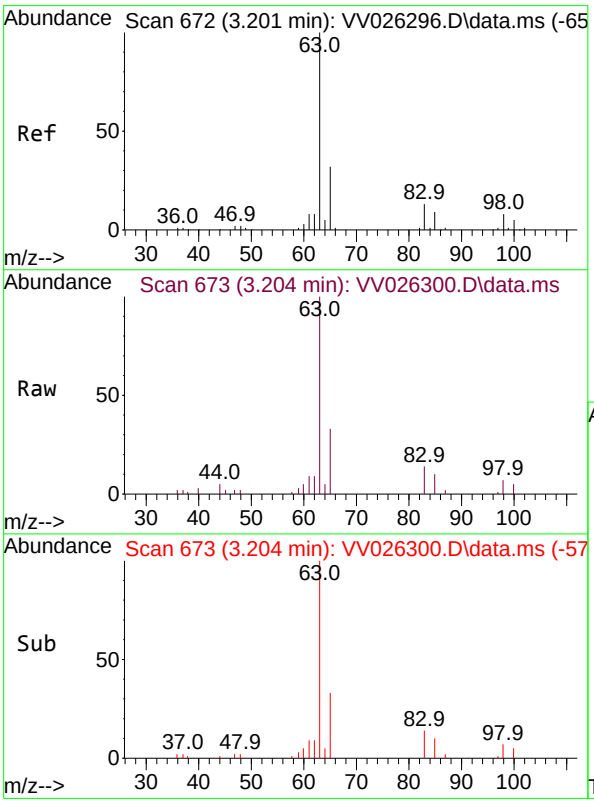
#15
Methyl Acetate
Concen: 2.385 ug/L
RT: 2.462 min Scan# 44
Delta R.T. 0.006 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Tgt Ion: 43 Resp: 7099

Ion	Ratio	Lower	Upper
43	100		
74	24.9	21.4	32.0

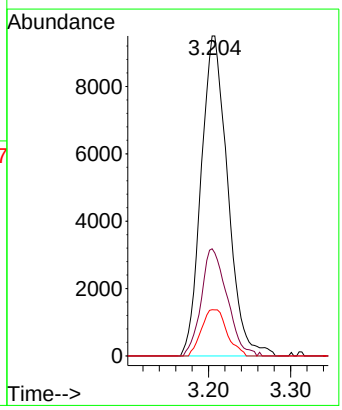


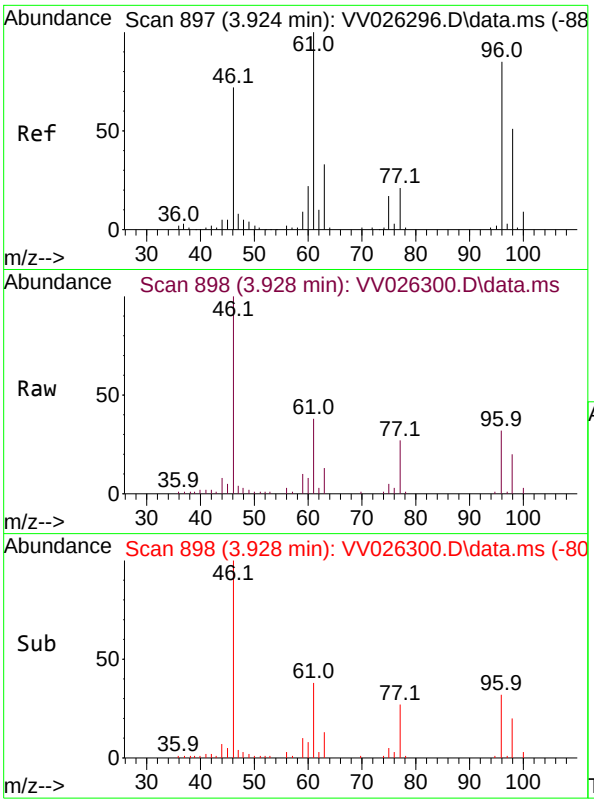


#19
1,1-Dichloroethane
Concen: 0.966 ug/L
RT: 3.204 min Scan# 673
Delta R.T. 0.003 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Tgt Ion: 63 Resp: 21313

Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.3	41.3
83	14.4	8.9	16.5



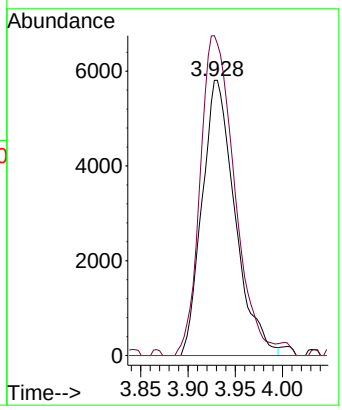


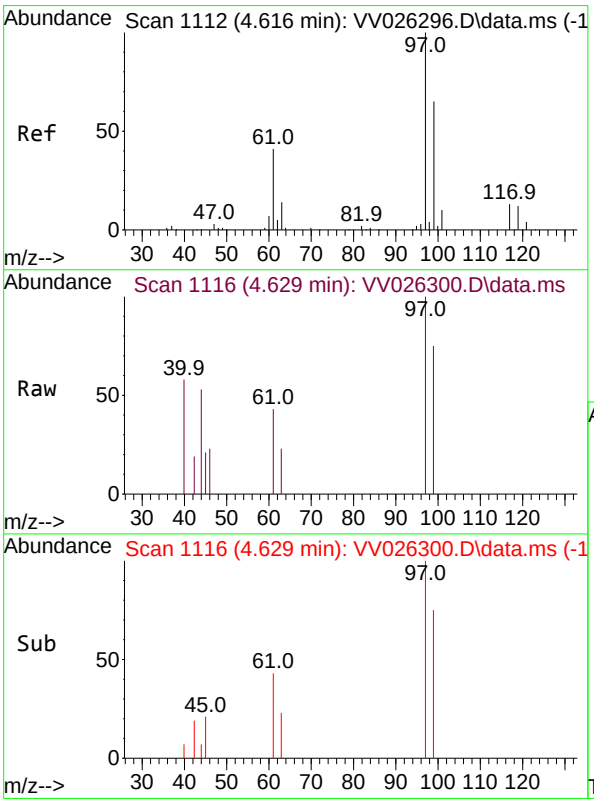
#22
cis-1,2-Dichloroethene
Concen: 1.203 ug/L
RT: 3.928 min Scan# 89
Delta R.T. 0.003 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Tgt Ion: 96 Resp: 14087

Ion	Ratio	Lower	Upper
96	100		
61	116.2	83.6	155.2
68	0.0	0.0	0.0

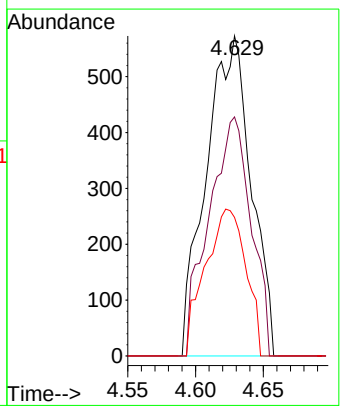


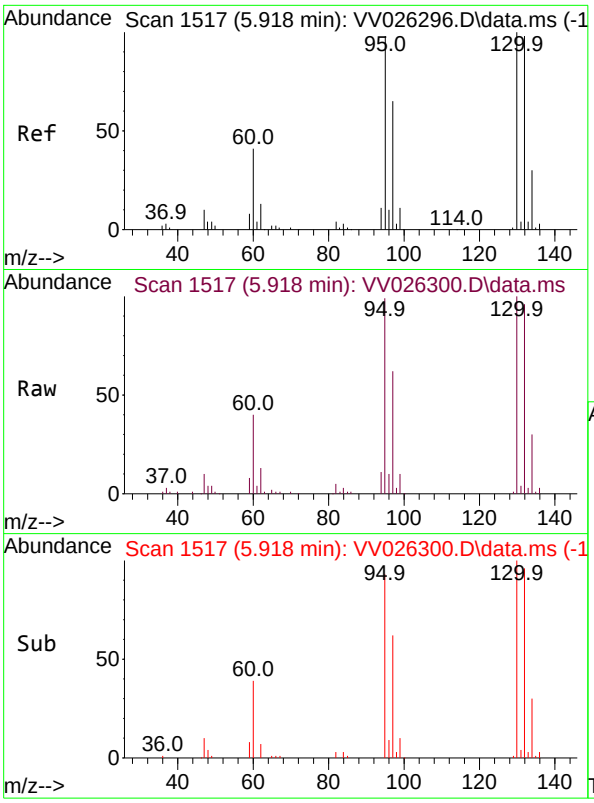


#29
1,1,1-Trichloroethane
Concen: 0.065 ug/L
RT: 4.629 min Scan# 1116
Delta R.T. 0.013 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Tgt Ion: 97 Resp: 1322

Ion	Ratio	Lower	Upper
97	100		
99	70.0	50.3	75.5
61	41.5	33.4	50.0



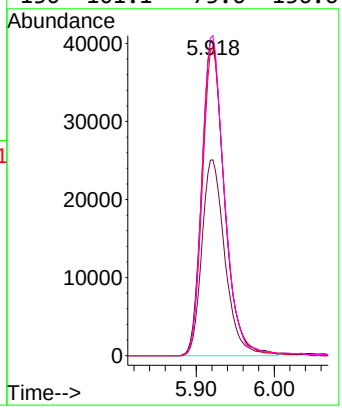


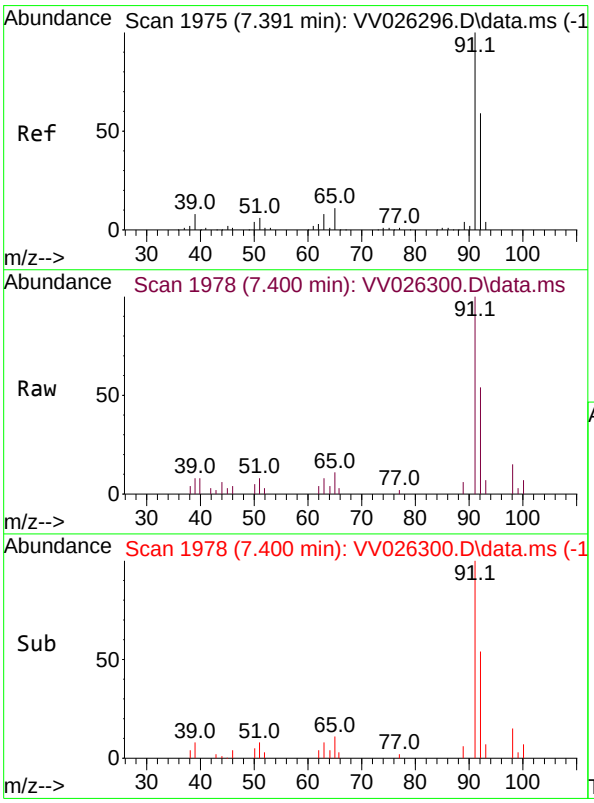
#34
Trichloroethene
Concen: 6.329 ug/L
RT: 5.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Tgt Ion: 95 Resp: 81450

Ion	Ratio	Lower	Upper
95	100		
97	62.3	46.5	86.3
132	97.1	68.8	127.8
130	101.1	73.6	136.6

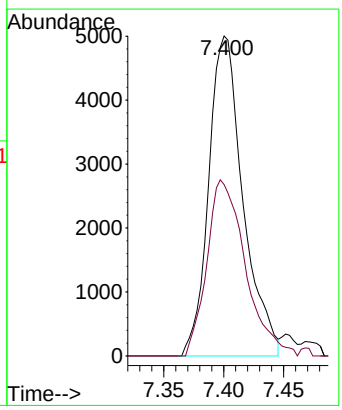


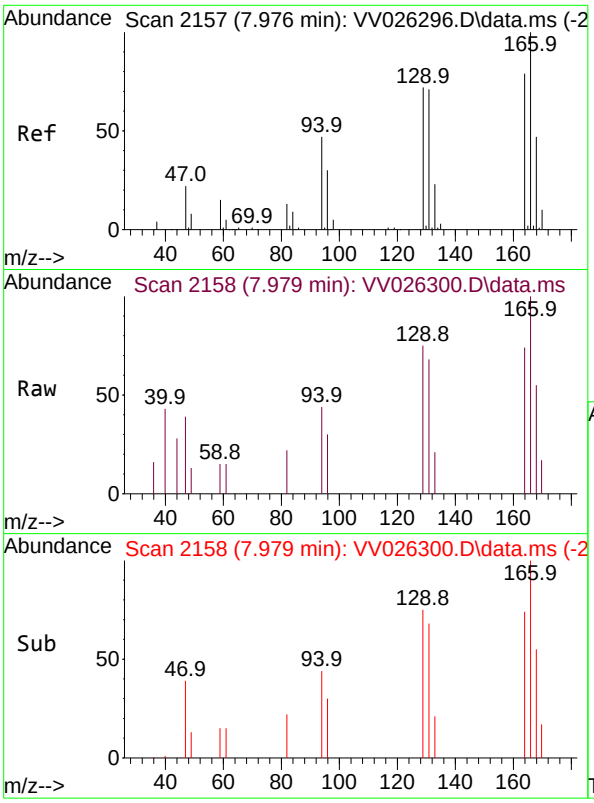


#42
Toluene
Concen: 0.201 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Tgt Ion: 91 Resp: 9969

Ion	Ratio	Lower	Upper
91	100		
92	53.5	40.1	74.5



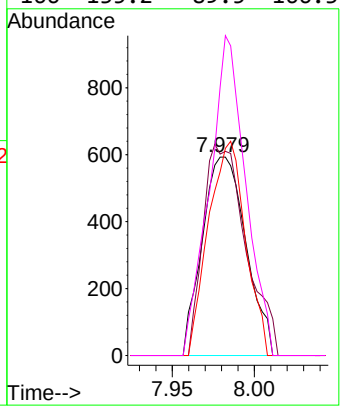


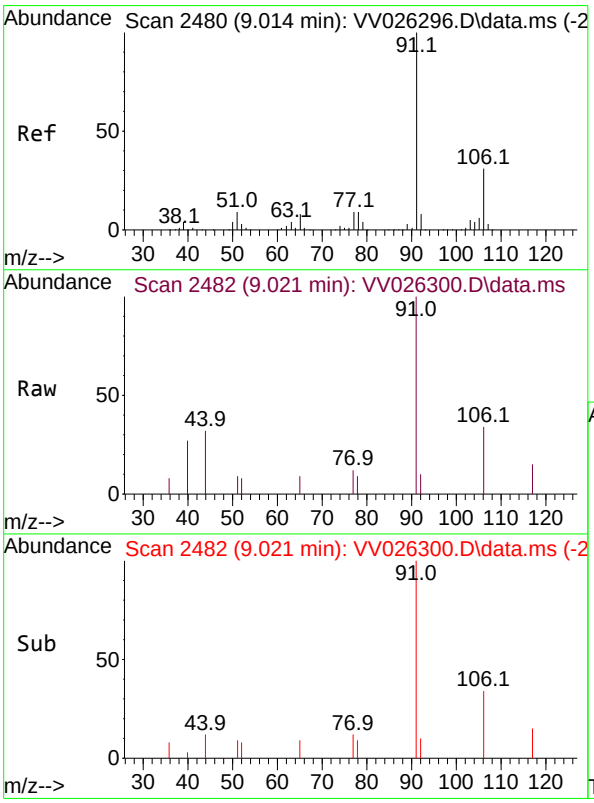
#47
Tetrachloroethene
Concen: 0.115 ug/L
RT: 7.979 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Tgt Ion:164 Resp: 1099

Ion	Ratio	Lower	Upper
164	100		
129	101.5	67.5	125.3
131	92.6	63.8	118.4
166	135.2	89.5	166.3

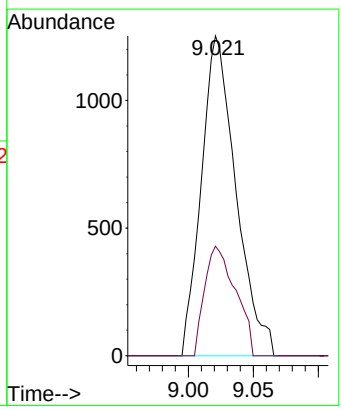


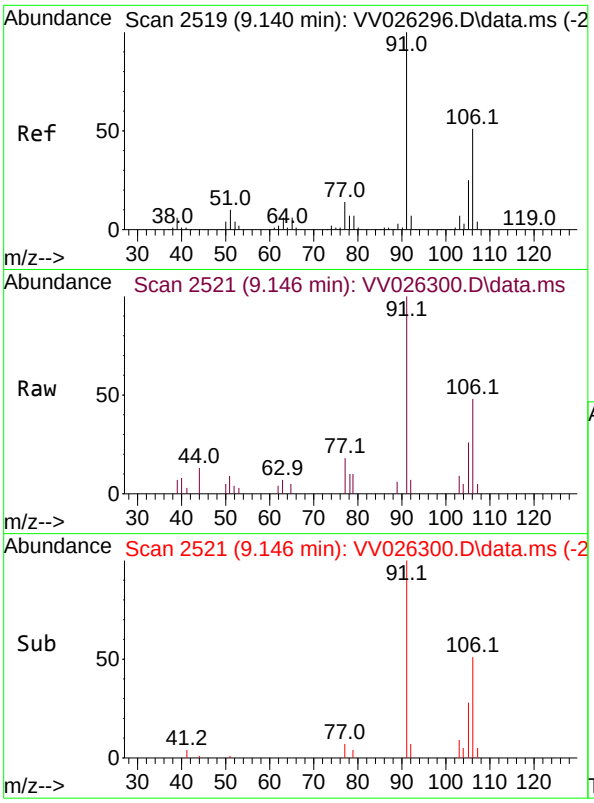


#52
Ethylbenzene
Concen: 0.047 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.007 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Tgt Ion: 91 Resp: 2322

Ion	Ratio	Lower	Upper
91	100		
106	34.2	21.6	40.0



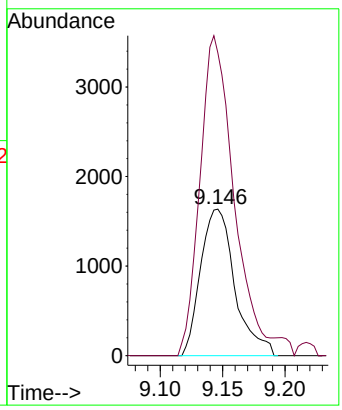


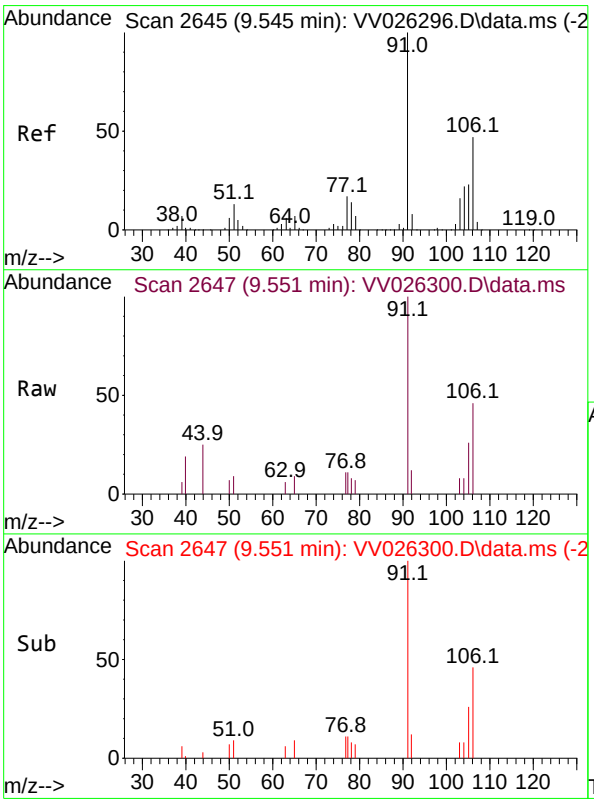
#53
m,p-Xylene
Concen: 0.161 ug/L
RT: 9.146 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Tgt Ion:106 Resp: 3128

Ion	Ratio	Lower	Upper
106	100		
91	206.7	141.3	262.3

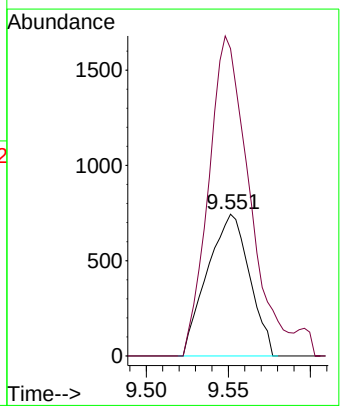


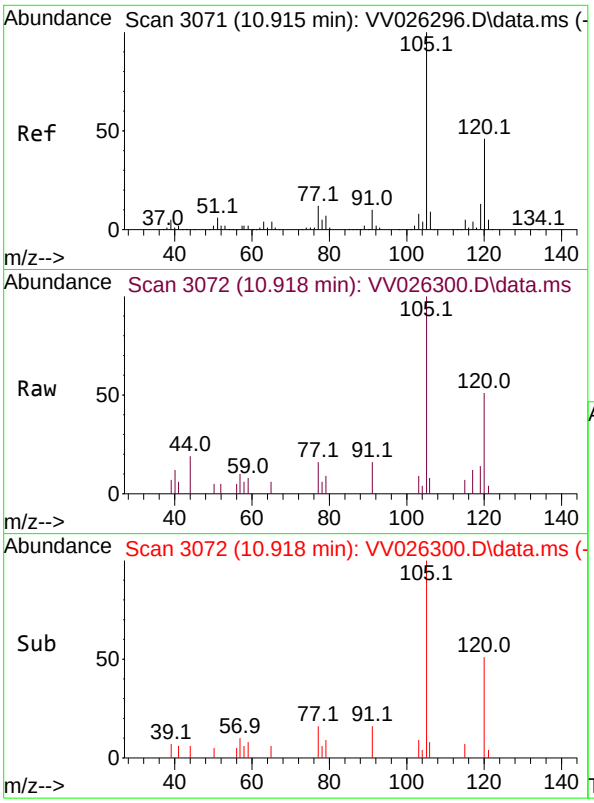


#54
o-Xylene
Concen: 0.071 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.007 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Tgt Ion:106 Resp: 1332

Ion	Ratio	Lower	Upper
106	100		
91	216.8	143.3	266.1





#63
1,2,4-Trimethylbenzene
Concen: 0.130 ug/L
RT: 10.918 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV026300.D
Acq: 16 Jun 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
BGJ77

Tgt Ion:105 Resp: 4210

Ion	Ratio	Lower	Upper
105	100		
120	48.0	36.9	55.3