Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV026999.D
Acq On : 27 Jul 2022 15:19
Operator : SY/MD
Sample : N3841-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUC6

Quant Time: Jul 28 01:43:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 28 01:41:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	458942	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	465598	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	221288	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	152862	39.713	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.420%			
7) Chloroethane-d5	1.558	69	128603	41.299	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.600%			
11) 1,1-Dichloroethene-d2	2.098	63	268302	38.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.480%			
21) 2-Butanone-d5	3.886	46	311117	119.913	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.910%			
24) Chloroform-d	4.339	84	413125	54.535	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.060%			
26) 1,2-Dichloroethane-d4	5.024	65	235779	54.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.820%			
32) Benzene-d6	5.043	84	757111	53.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.580%			
36) 1,2-Dichloropropane-d6	6.063	67	251029	55.347	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.700%			
41) Toluene-d8	7.314	98	603966	49.046	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.100%			
43) trans-1,3-Dichloroprop...	7.619	79	96469	50.761	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.520%			
47) 2-Hexanone-d5	8.088	63	222971	112.905	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.910%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	376332	54.619	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.240%			
66) 1,2-Dichlorobenzene-d4	11.622	152	248495	59.857	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.720%			
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	137824	29.242	ug/L	98
12) 1,1-Dichloroethene	2.108	96	72480	20.426	ug/L #	67
13) Acetone	2.175	43	283346	155.535	ug/L	97
19) 1,1-Dichloroethane	3.182	63	157722	22.840	ug/L	99
22) 2-Butanone	3.966	43	359395	144.647	ug/L	97
25) Chloroform	4.365	83	536309	72.819	ug/L	98
27) 1,2-Dichloroethane	5.124	62	215826	41.528	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	151661	24.654	ug/L	98
33) Benzene	5.092	78	380277	25.397	ug/L	100
50) 1,2-Dibromoethane	8.349	107	256501	60.410	ug/L	98
51) Chlorobenzene	8.879	112	251375	23.597	ug/L	99
52) Ethylbenzene	9.011	91	900566	56.768	ug/L	99
54) o-Xylene	9.542	106	378041	63.192	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	72767	61.338	ug/L	96

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

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Quant Title : VOC Analysis
QLast Update : Thu Jul 28 01:41:31 2022
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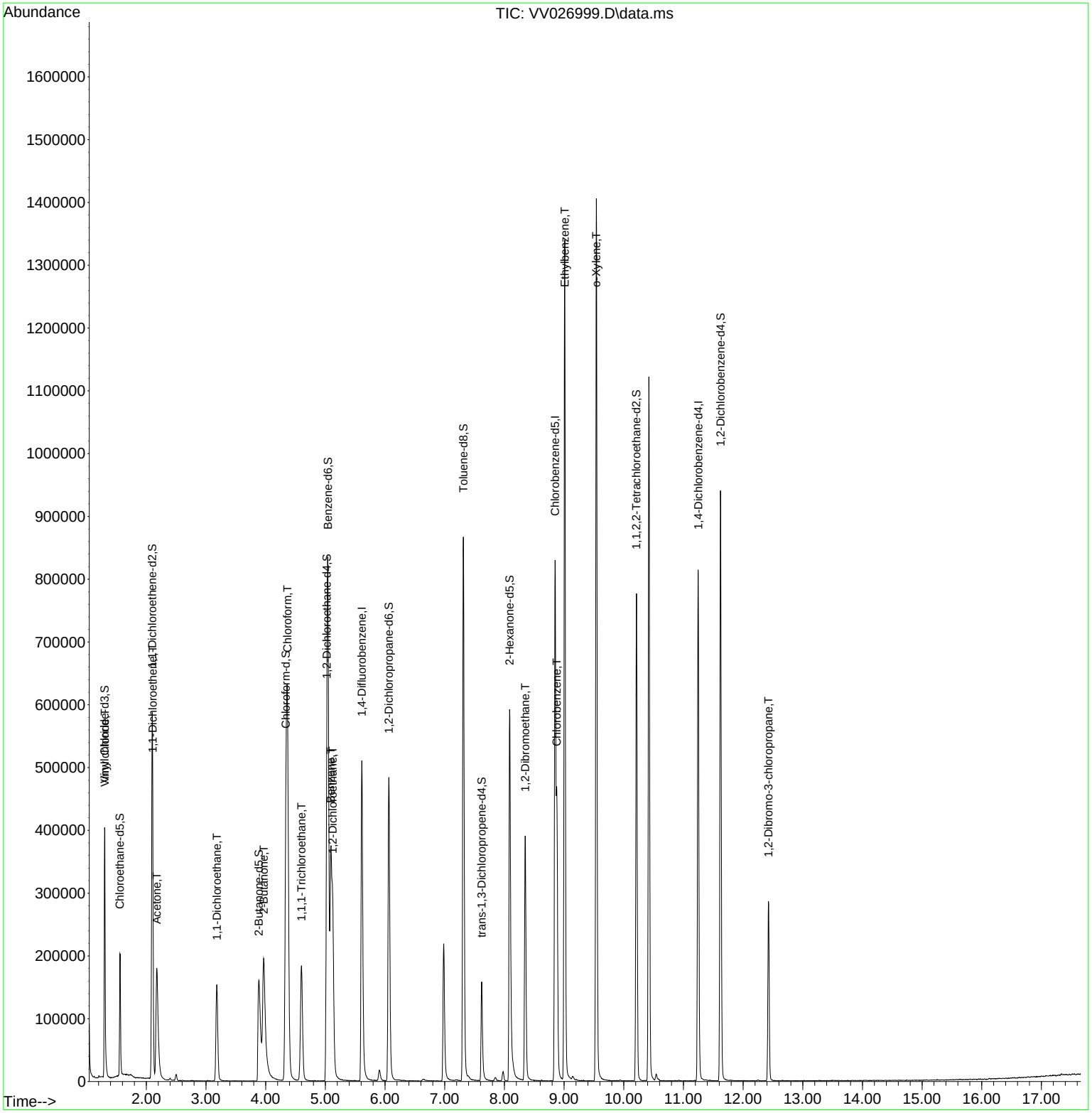
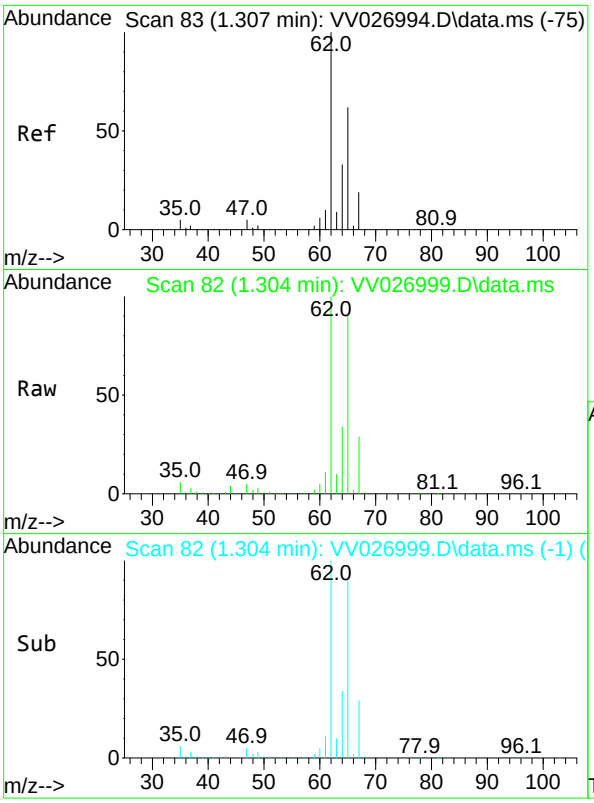


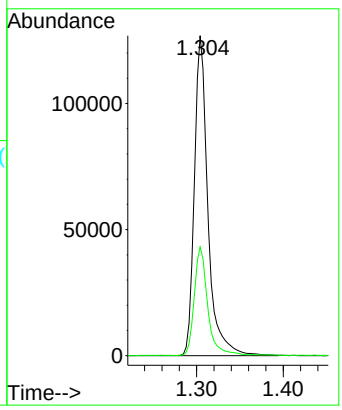


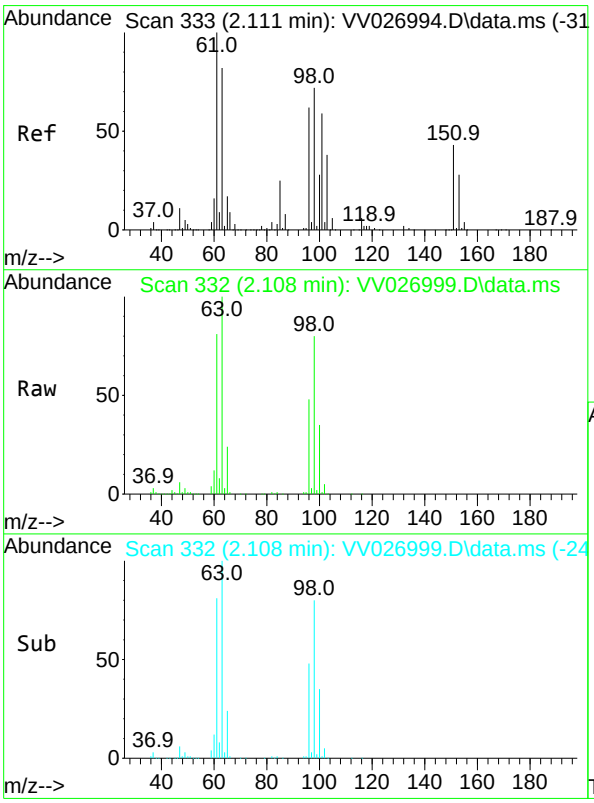
#5
Vinyl chloride
Concen: 29.242 ug/L
RT: 1.304 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Instrument :
MSVOA_V
ClientSampleId :
DBUC6

Tgt Ion: 62 Resp: 137824

Ion	Ratio	Lower	Upper
62	100		
64	34.0	23.0	42.6

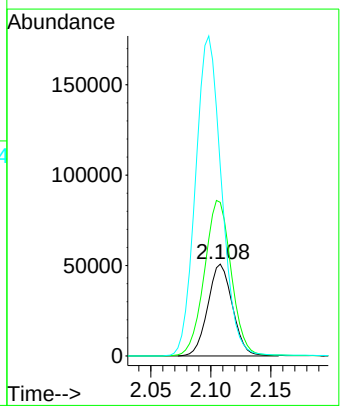


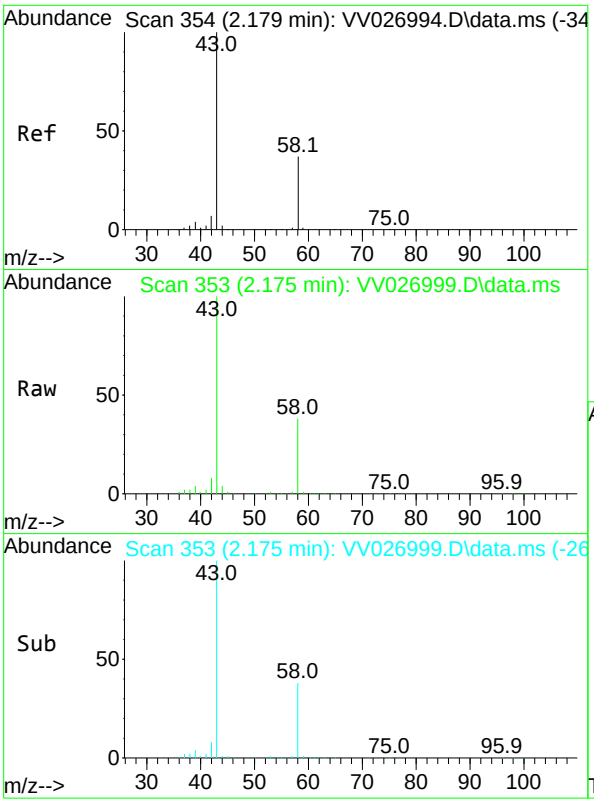


#12
1,1-Dichloroethene
Concen: 20.426 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Tgt Ion: 96 Resp: 72480

Ion	Ratio	Lower	Upper
96	100		
61	167.4	114.2	212.0
63	206.3	87.0	161.6#



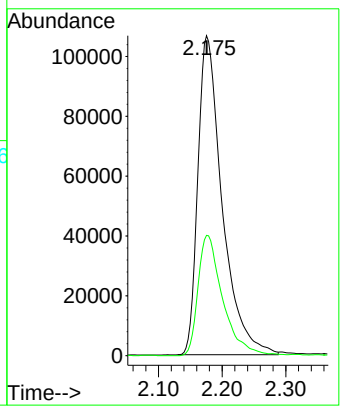


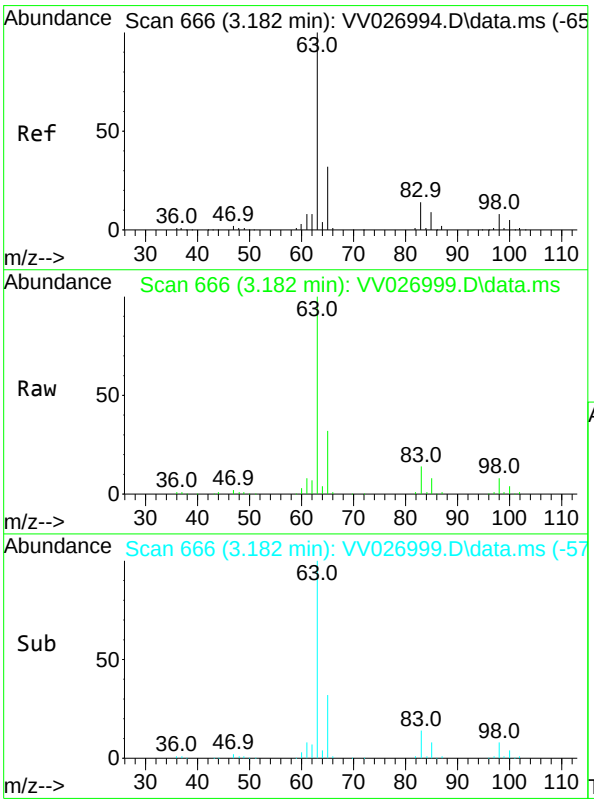
#13
Acetone
Concen: 155.535 ug/L
RT: 2.175 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Instrument :
MSVOA_V
ClientSampleId :
DBUC6

Tgt Ion: 43 Resp: 283346

Ion	Ratio	Lower	Upper
43	100		
58	38.0	0.0	72.6

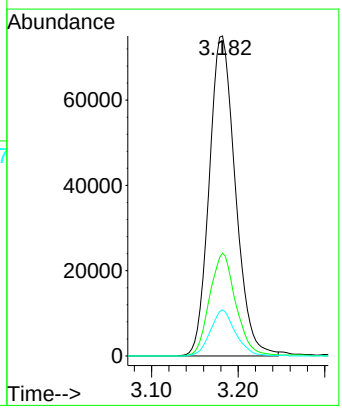


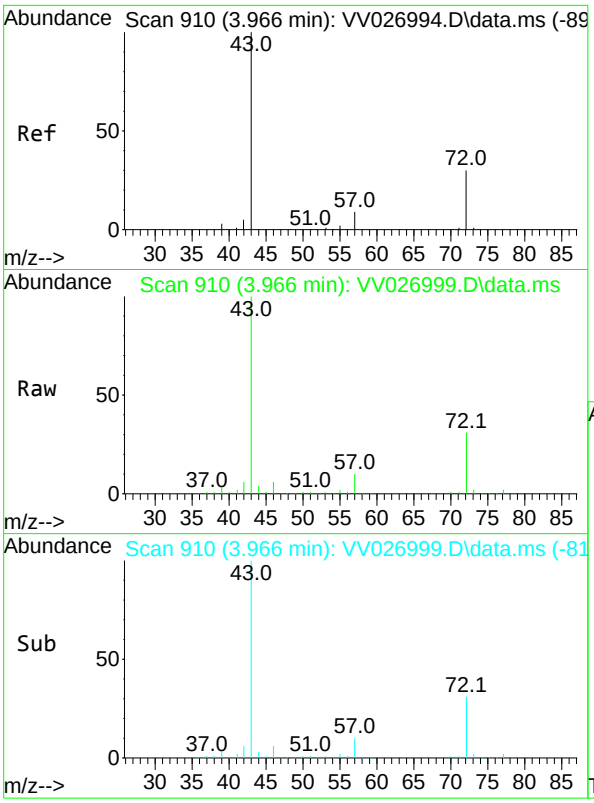


#19
1,1-Dichloroethane
Concen: 22.840 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Tgt Ion: 63 Resp: 157722

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.6	42.0
83	14.4	9.4	17.4



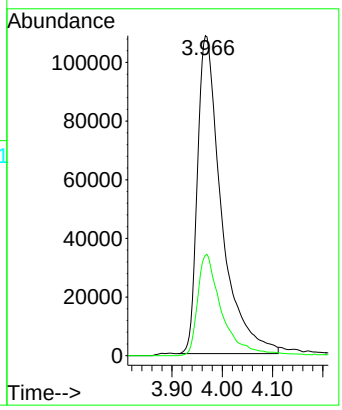


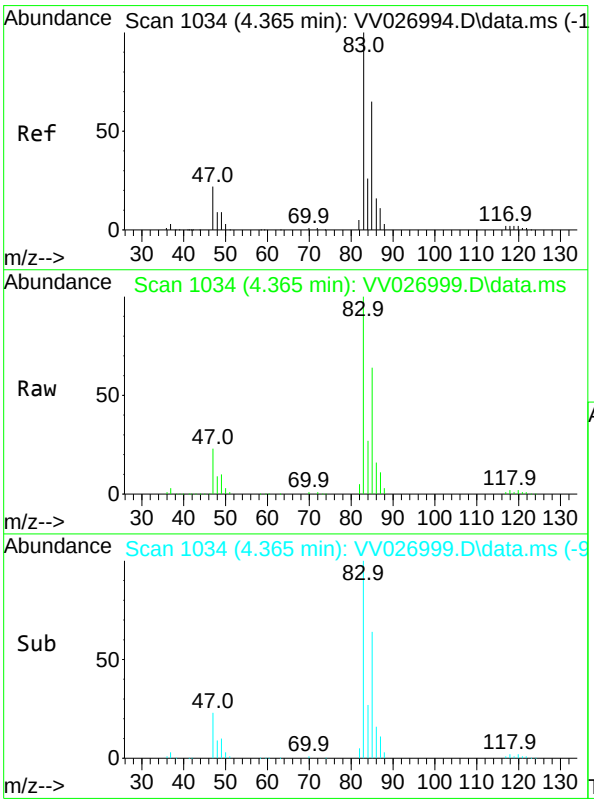
#22
2-Butanone
Concen: 144.647 ug/L
RT: 3.966 min Scan# 91
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Instrument :
MSVOA_V
ClientSampleId :
DBUC6

Tgt Ion: 43 Resp: 359395

Ion	Ratio	Lower	Upper
43	100		
72	31.5	14.9	44.5

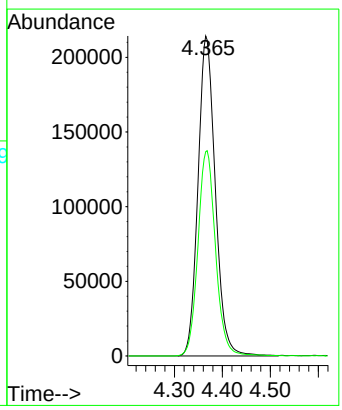


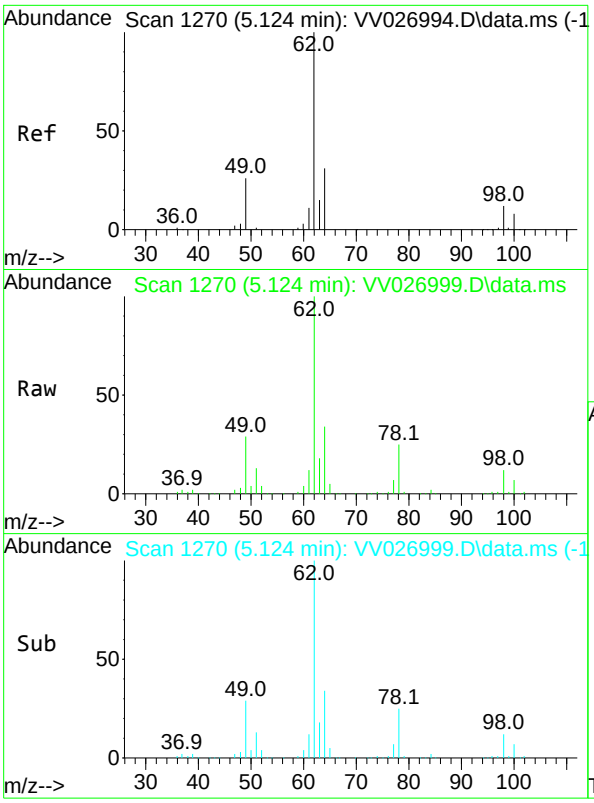


#25
Chloroform
Concen: 72.819 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Tgt Ion: 83 Resp: 536309

Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.8	85.0



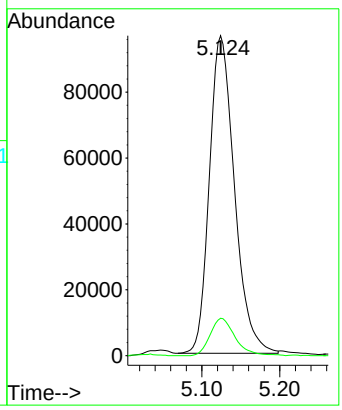


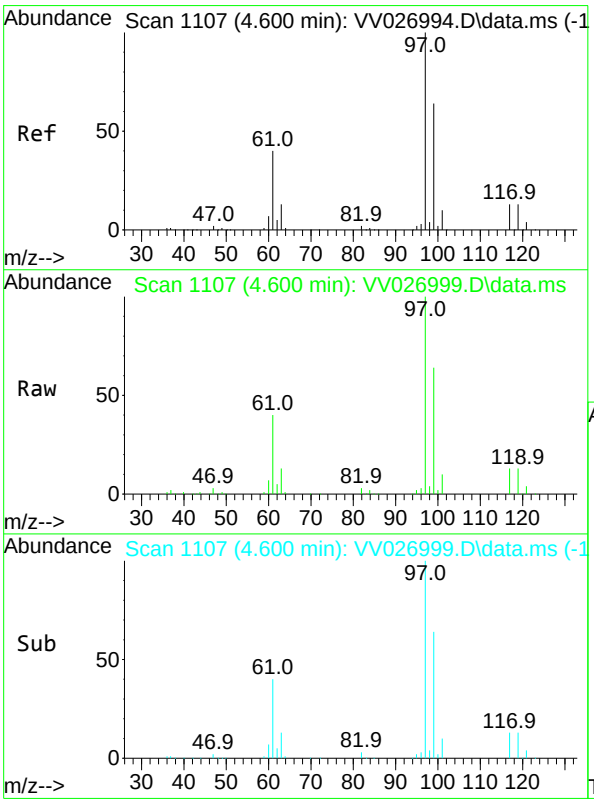
#27
1,2-Dichloroethane
Concen: 41.528 ug/L
RT: 5.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Instrument :
MSVOA_V
ClientSampleId :
DBUC6

Tgt Ion: 62 Resp: 215826

Ion	Ratio	Lower	Upper
62	100		
98	11.7	8.9	13.3

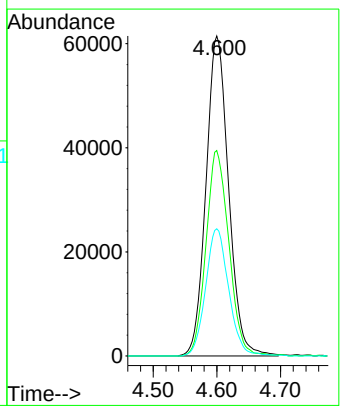


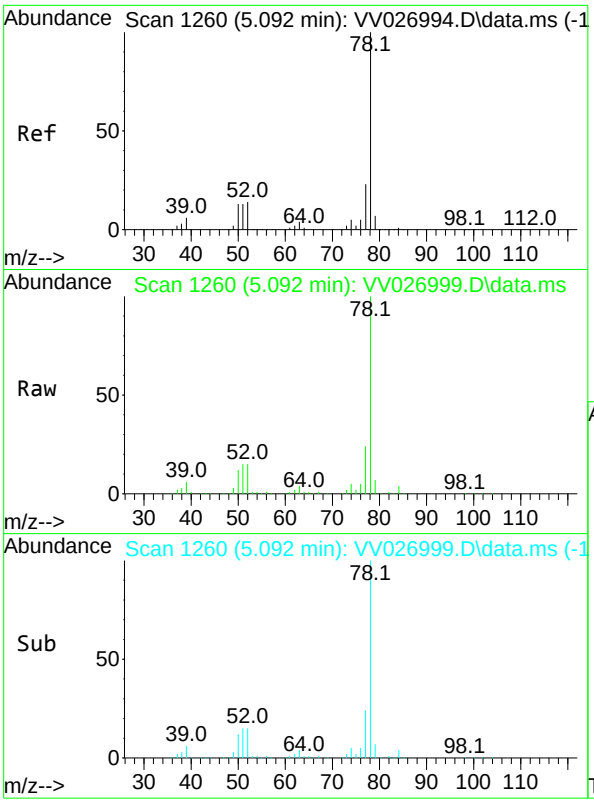


#30
1,1,1-Trichloroethane
Concen: 24.654 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Tgt Ion: 97 Resp: 151661

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.6
61	40.2	33.1	49.7

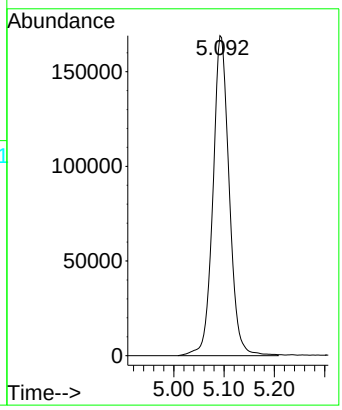


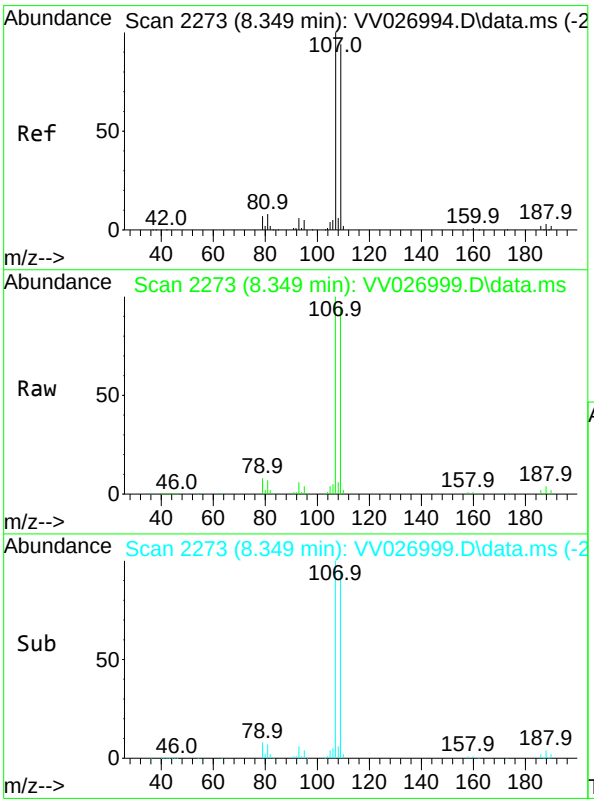


#33
Benzene
Concen: 25.397 ug/L
RT: 5.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Instrument :
MSVOA_V
ClientSampleId :
DBUC6

Tgt Ion: 78 Resp: 380277

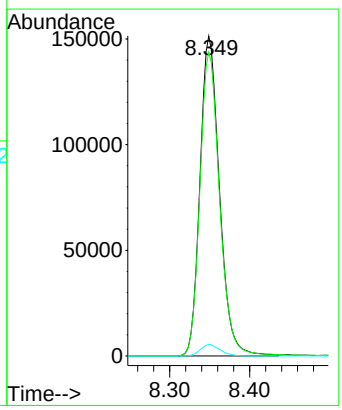


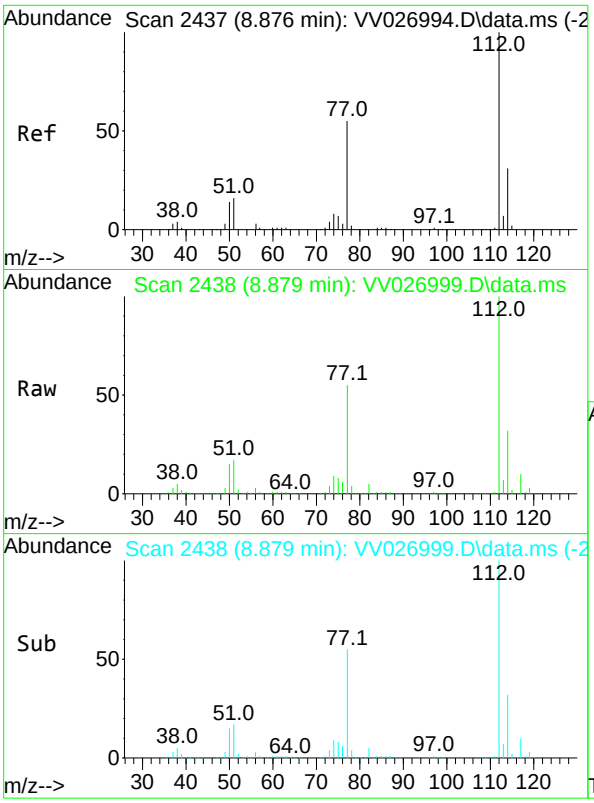


#50
1,2-Dibromoethane
Concen: 60.410 ug/L
RT: 8.349 min Scan# 2273
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Tgt Ion:107 Resp: 256501

Ion	Ratio	Lower	Upper
107	100		
109	94.9	64.9	120.5
188	3.6	2.6	3.8



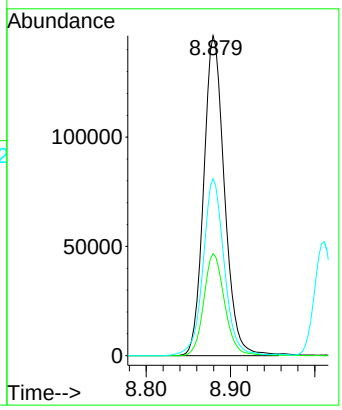


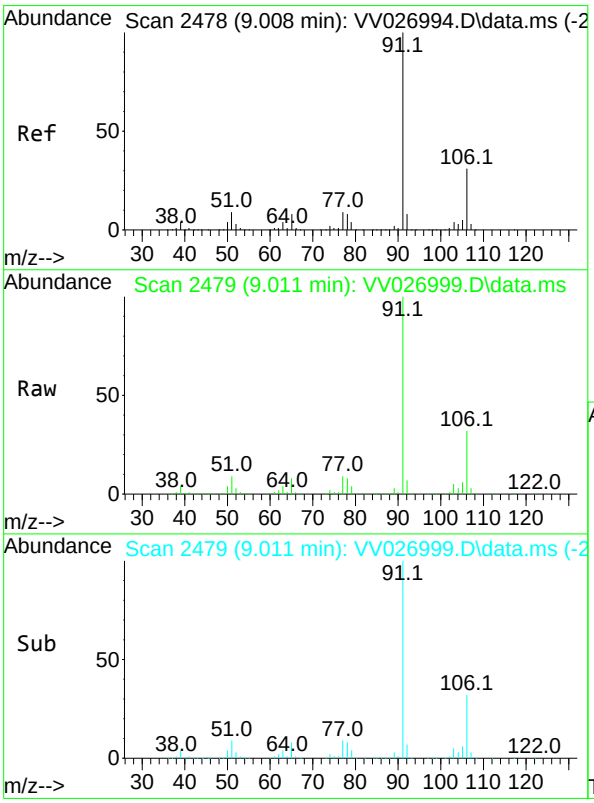
#51
Chlorobenzene
Concen: 23.597 ug/L
RT: 8.879 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Instrument :
MSVOA_V
ClientSampleId :
DBUC6

Tgt Ion:112 Resp: 251375

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.1
77	55.3	44.4	66.6

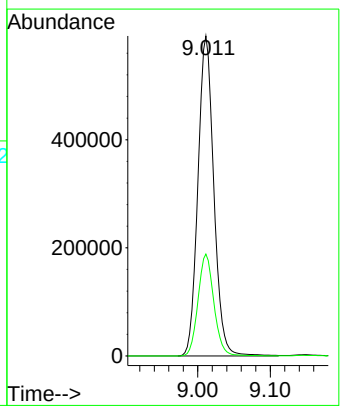


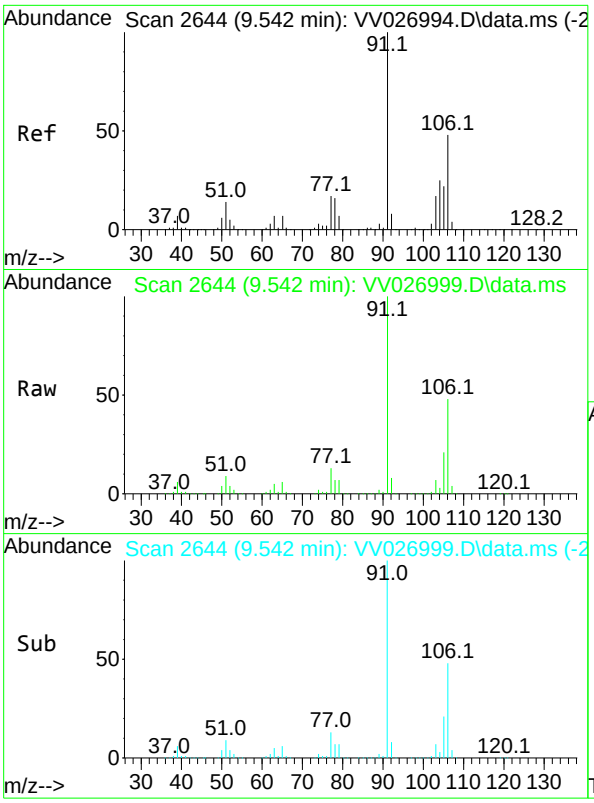


#52
Ethylbenzene
Concen: 56.768 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Tgt Ion: 91 Resp: 900566

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.0	40.8



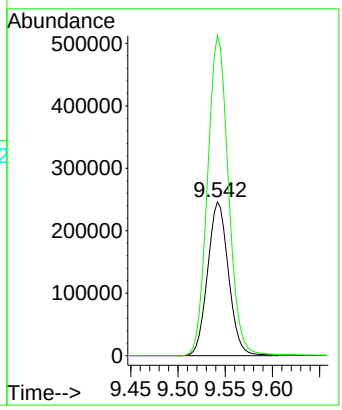


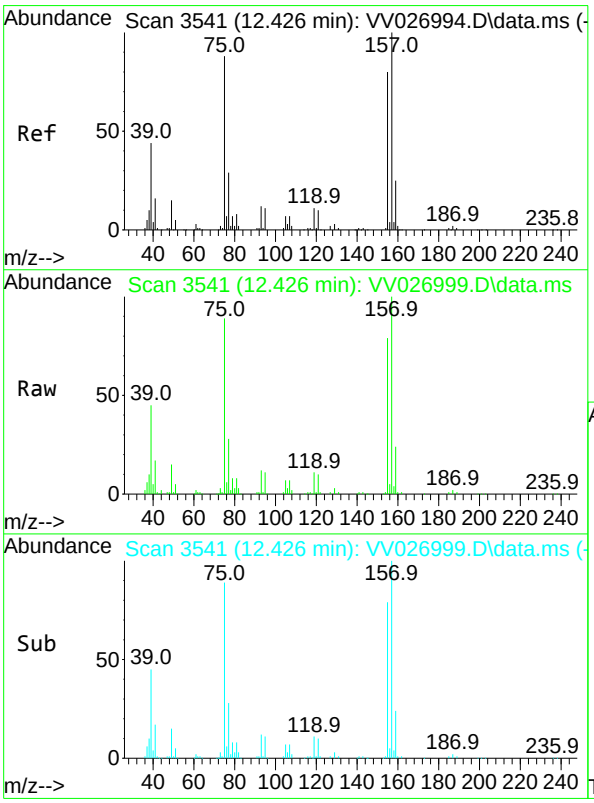
#54
o-Xylene
Concen: 63.192 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Instrument :
MSVOA_V
ClientSampleId :
DBUC6

Tgt Ion:106 Resp: 378041

Ion	Ratio	Lower	Upper
106	100		
91	208.0	146.1	271.3





#68
1,2-Dibromo-3-chloropropane
Concen: 61.338 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026999.D
Acq: 27 Jul 2022 15:19

Tgt Ion: 75 Resp: 72767

Ion	Ratio	Lower	Upper
75	100		
155	88.9	67.7	101.5
157	112.7	87.1	130.7