Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029320.D
Acq On : 24 Nov 2022 01:58
Operator : SY/MD
Sample : N5725-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BHB68

Quant Time: Nov 24 03:42:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 01:40:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	280900	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	246325	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	136135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81777	4.731	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.600%			
7) Chloroethane-d5	1.565	69	61038	4.824	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.400%			
11) 1,1-Dichloroethene-d2	2.108	63	125966	4.554	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.000%			
20) 2-Butanone-d5	3.880	46	146113	50.526	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.060%			
24) Chloroform-d	4.339	84	142198	4.609	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
26) 1,2-Dichloroethane-d4	5.024	65	67251	4.954	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
32) Benzene-d6	5.043	84	322569	4.738	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.063	67	93053	4.864	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.307	98	303907	4.730	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
43) trans-1,3-Dichloroprop...	7.612	79	32991	4.473	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.400%			
46) 2-Hexanone-d5	8.082	63	120587	45.868	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.740%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58796	4.981	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.600%			
66) 1,2-Dichlorobenzene-d4	11.612	152	115223	4.845	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	2730	0.143	ug/L #	54
12) 1,1-Dichloroethene	2.118	96	60975	4.222	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	5298	0.143	ug/L #	74
18) trans-1,2-Dichloroethene	2.757	96	6315	0.381	ug/L	95
19) 1,1-Dichloroethane	3.182	63	396777	13.299	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	733454	38.682	ug/L	98
27) 1,2-Dichloroethane	5.124	62	12603	0.747	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	7305	0.258	ug/L	95
33) Benzene	5.092	78	1084742	14.724	ug/L	100
34) Trichloroethene	5.905	95	277216	14.750	ug/L	98
35) Methylcyclohexane	6.124	83	4327	0.136	ug/L	93
42) Toluene	7.381	91	121185	1.533	ug/L	100
51) Chlorobenzene	8.876	112	4754	0.096	ug/L #	84
52) Ethylbenzene	9.005	91	34934	0.424	ug/L	100
53) m,p-Xylene	9.133	106	115681	3.558	ug/L	95
54) o-Xylene	9.535	106	371431	11.629	ug/L	98
60) Isopropylbenzene	9.921	105	649976	7.385	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	152995	1.996	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 01:40:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
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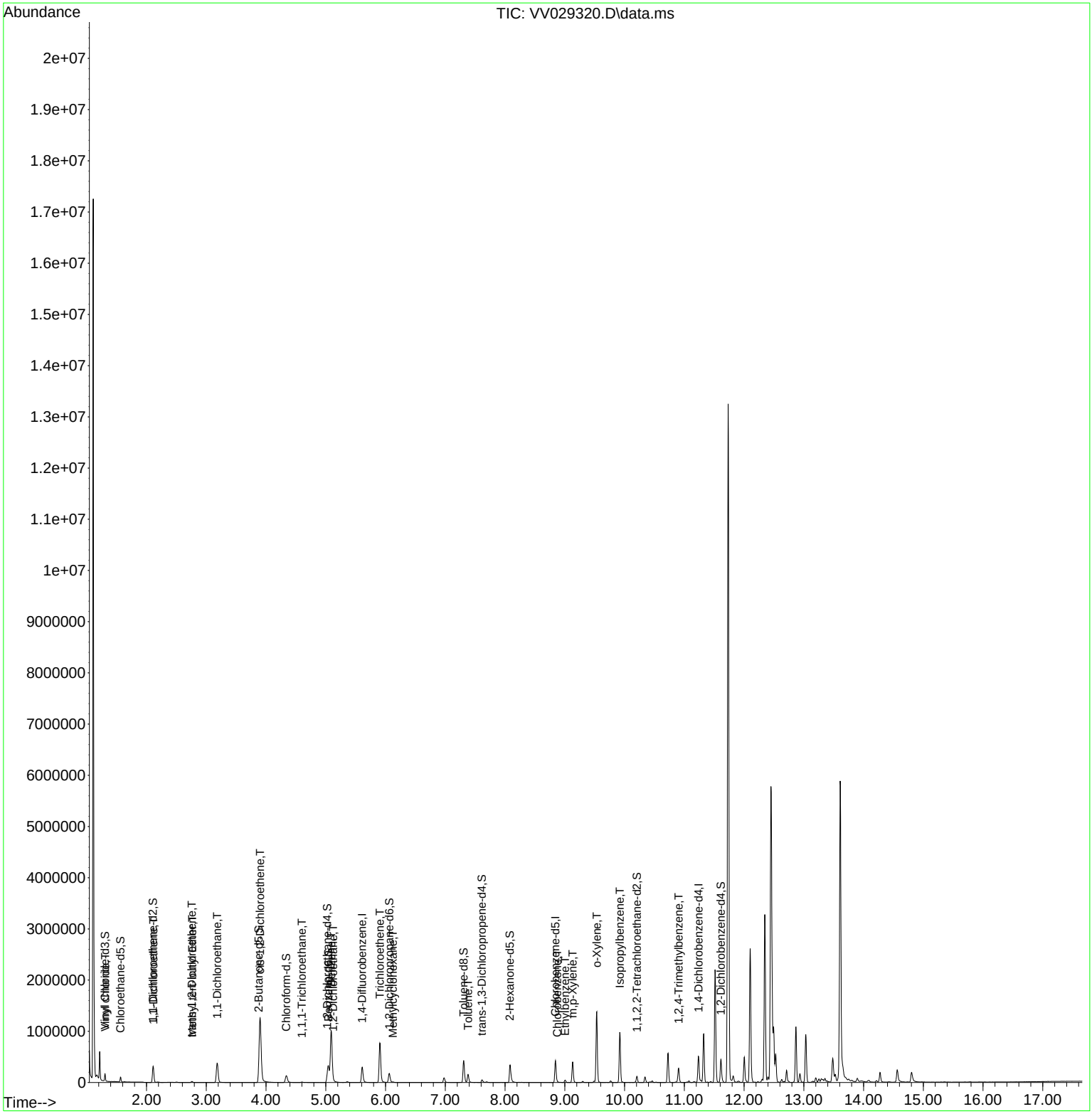
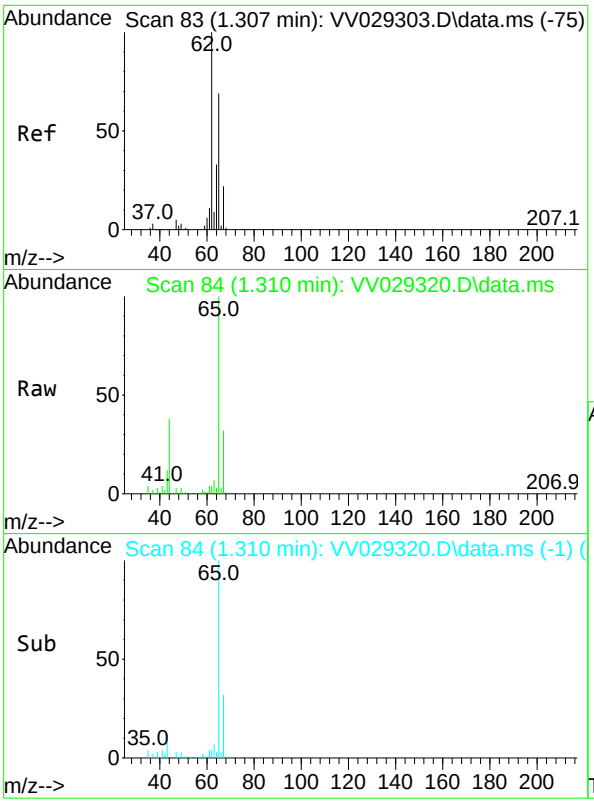


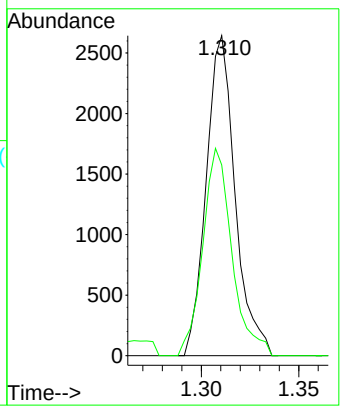


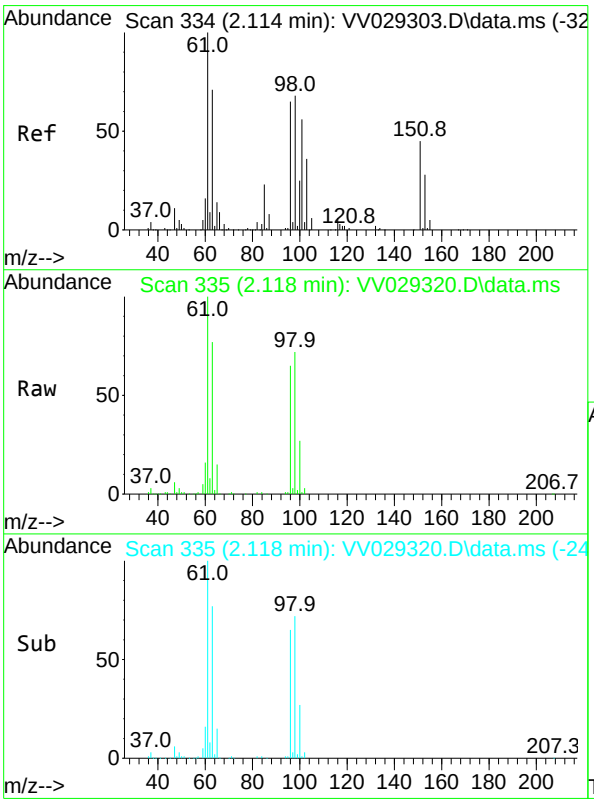
#5
Vinyl chloride
Concen: 0.143 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion: 62 Resp: 2730

Ion	Ratio	Lower	Upper
62	100		
64	59.6	23.4	43.4#

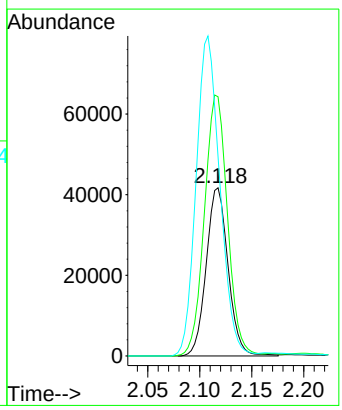


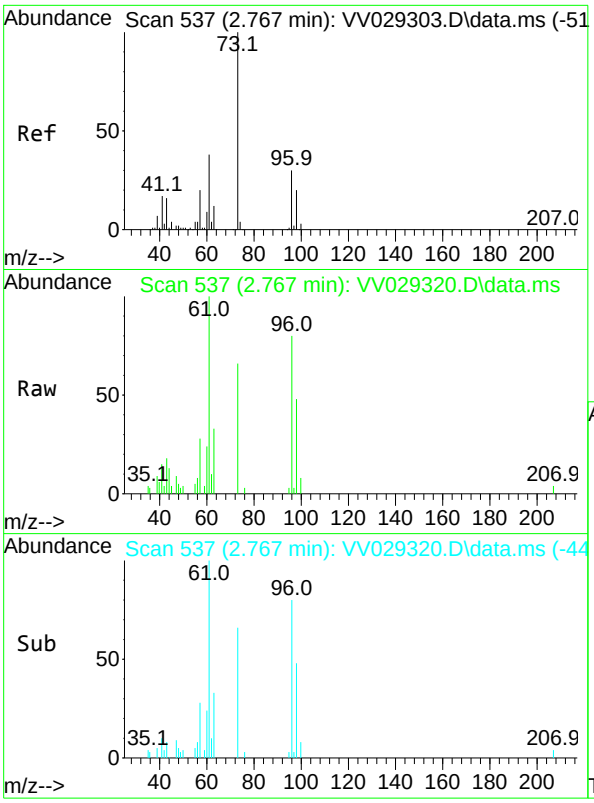


#12
1,1-Dichloroethene
Concen: 4.222 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion: 96 Resp: 60975

Ion	Ratio	Lower	Upper
96	100		
61	154.1	110.3	204.9
63	118.5	84.4	156.8



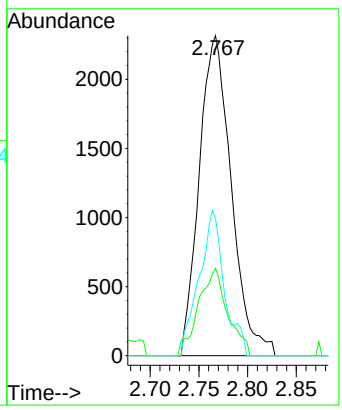


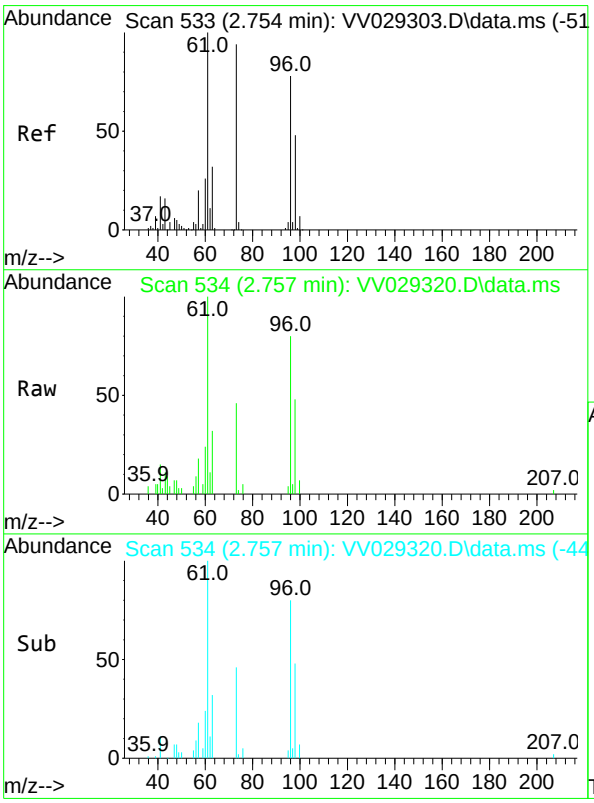
#17
Methyl tert-butyl Ether
Concen: 0.143 ug/L
RT: 2.767 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion: 73 Resp: 5298

Ion	Ratio	Lower	Upper
73	100		
43	24.9	13.2	19.8#
57	35.8	16.9	25.3#

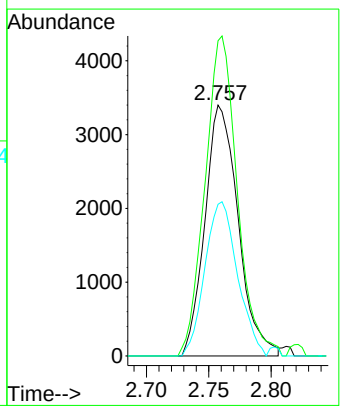


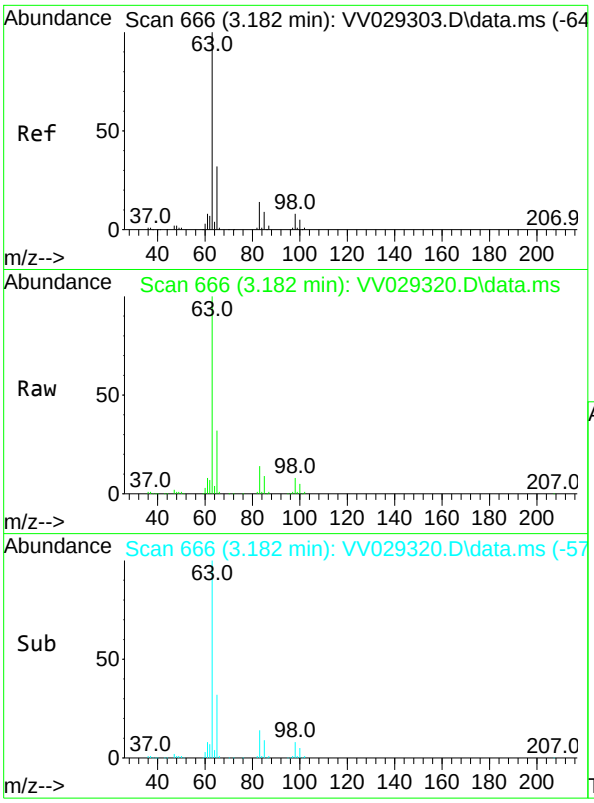


#18
trans-1,2-Dichloroethene
Concen: 0.381 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion: 96 Resp: 6315

Ion	Ratio	Lower	Upper
96	100		
61	125.6	93.0	172.6
98	60.5	44.0	81.8



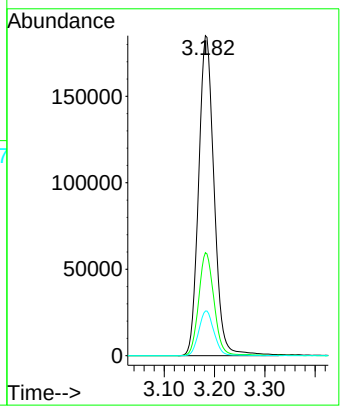


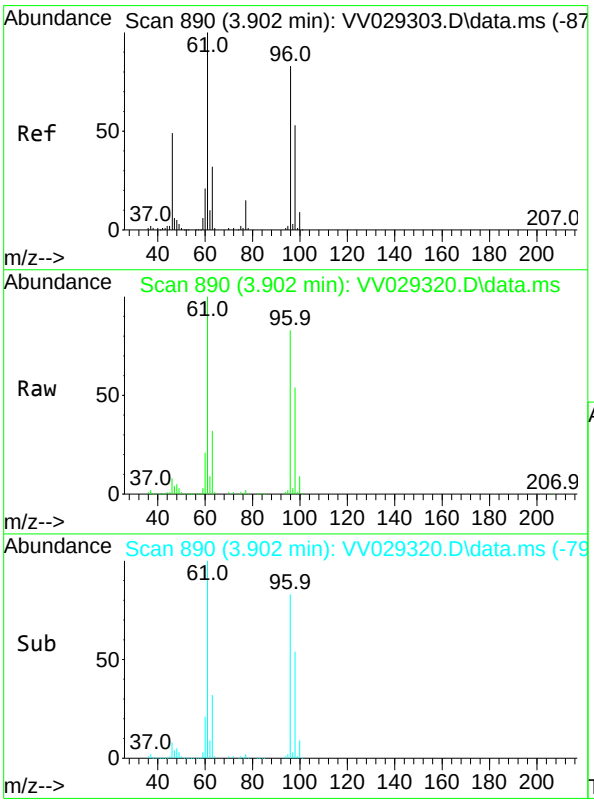
#19
1,1-Dichloroethane
Concen: 13.299 ug/L
RT: 3.182 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion: 63 Resp: 396777

Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.6	40.2
83	13.9	10.3	19.1

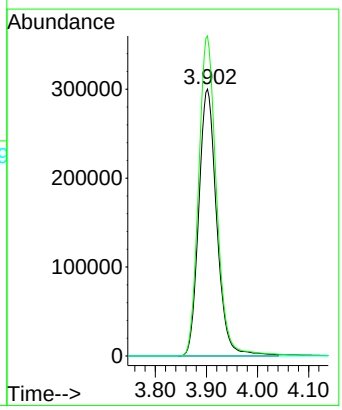


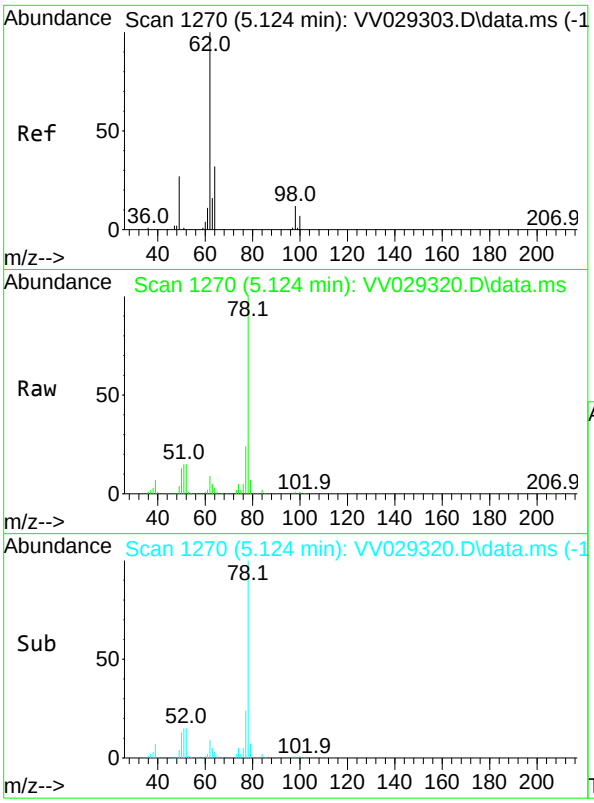


#22
cis-1,2-Dichloroethene
Concen: 38.682 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion: 96 Resp: 733454

Ion	Ratio	Lower	Upper
96	100		
61	119.9	85.8	159.3
68	0.0	0.0	0.0



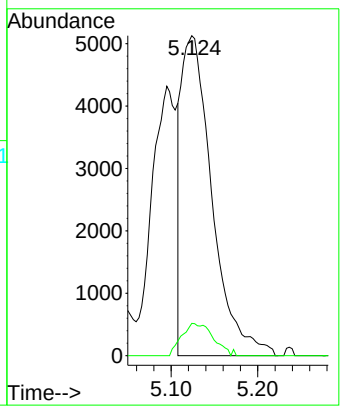


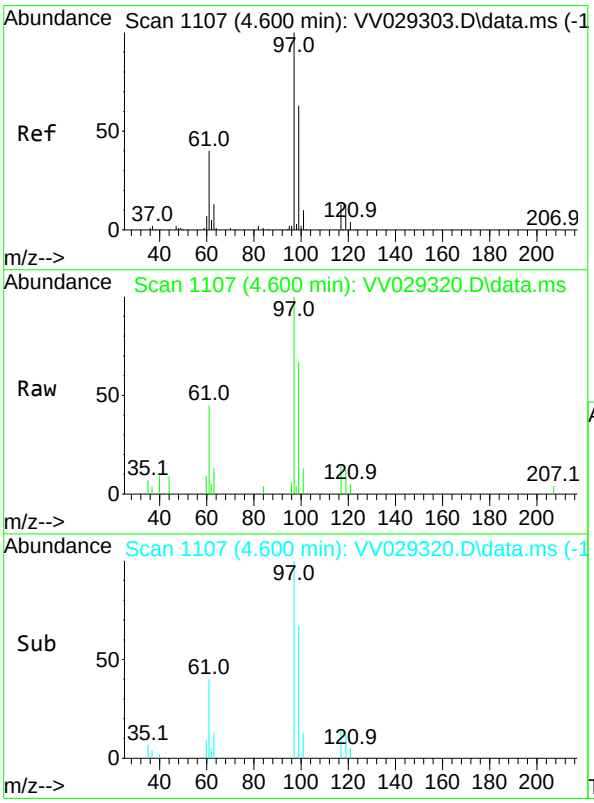
#27
1,2-Dichloroethane
Concen: 0.747 ug/L
RT: 5.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion: 62 Resp: 12603

Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.4	12.6

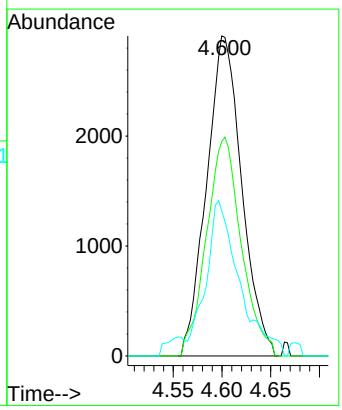


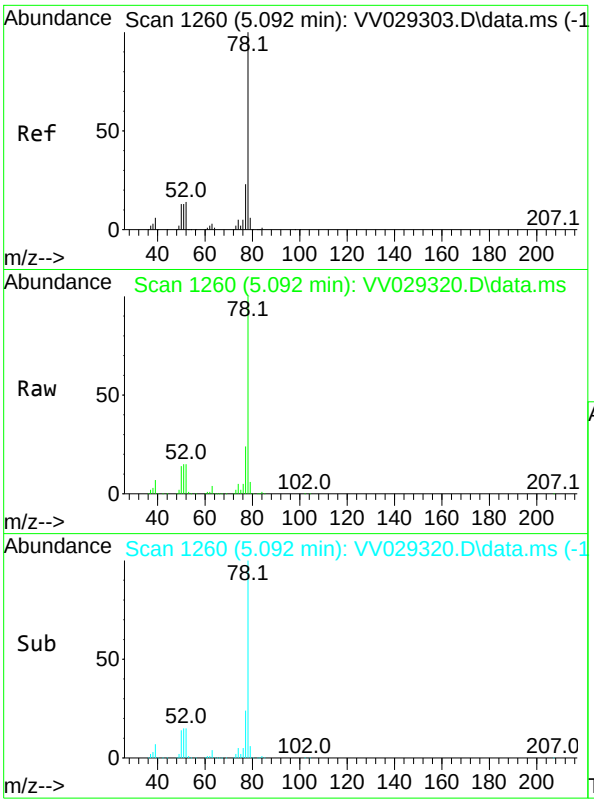


#29
1,1,1-Trichloroethane
Concen: 0.258 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion: 97 Resp: 7305

Ion	Ratio	Lower	Upper
97	100		
99	67.5	51.2	76.8
61	46.0	33.3	49.9

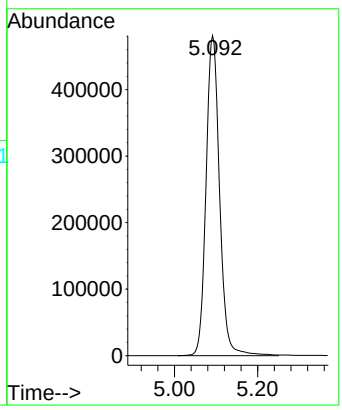


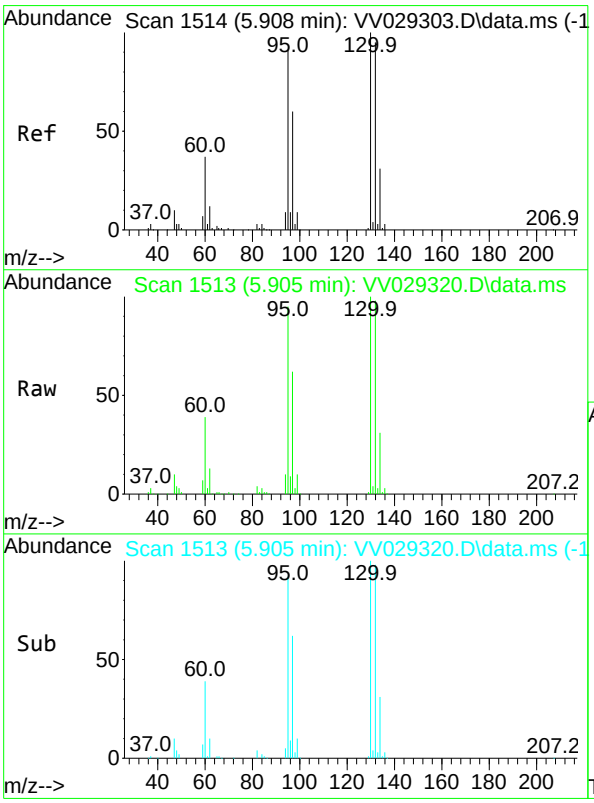


#33
Benzene
Concen: 14.724 ug/L
RT: 5.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion: 78 Resp: 1084742

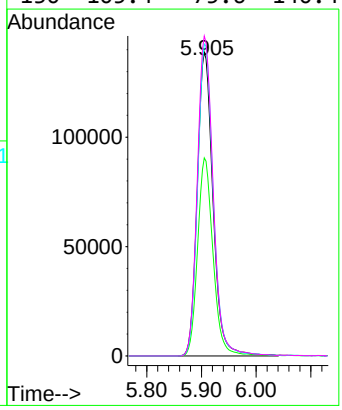


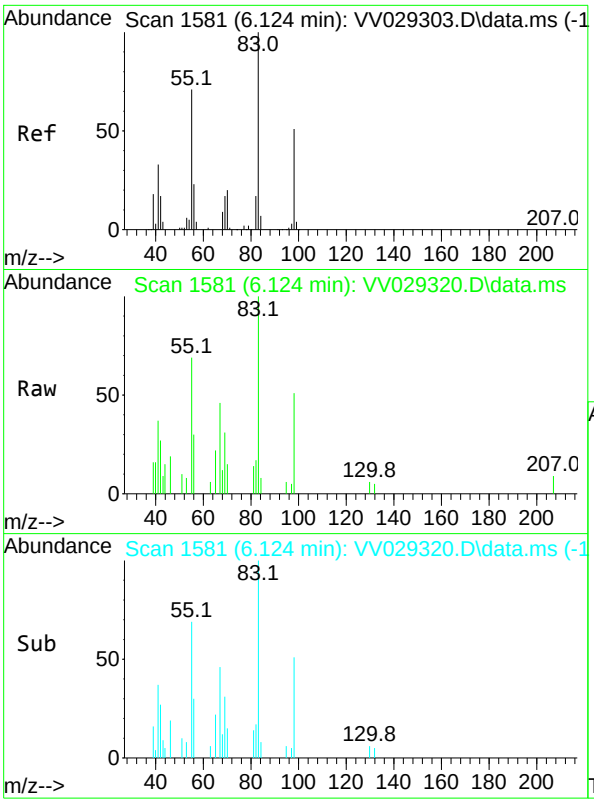


#34
Trichloroethene
Concen: 14.750 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion: 95 Resp: 277216

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.4	84.4
132	102.8	73.3	136.1
130	105.4	75.6	140.4



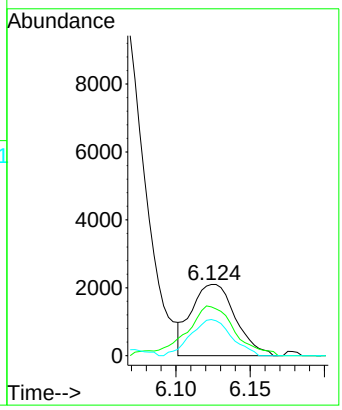


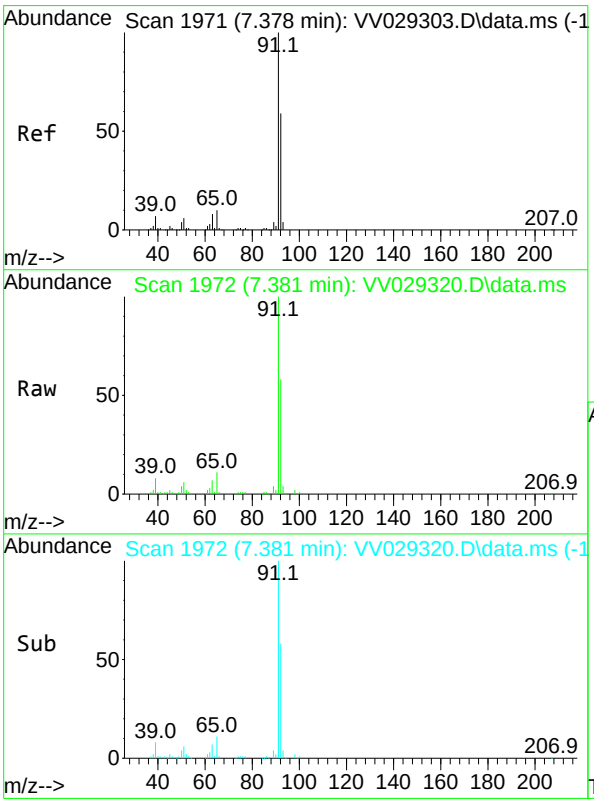
#35
Methylcyclohexane
Concen: 0.136 ug/L
RT: 6.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion: 83 Resp: 4327

Ion	Ratio	Lower	Upper
83	100		
55	77.0	55.4	83.2
98	46.6	39.4	59.2

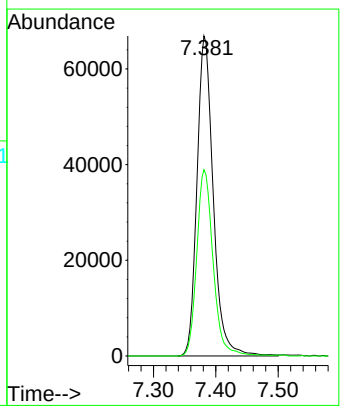


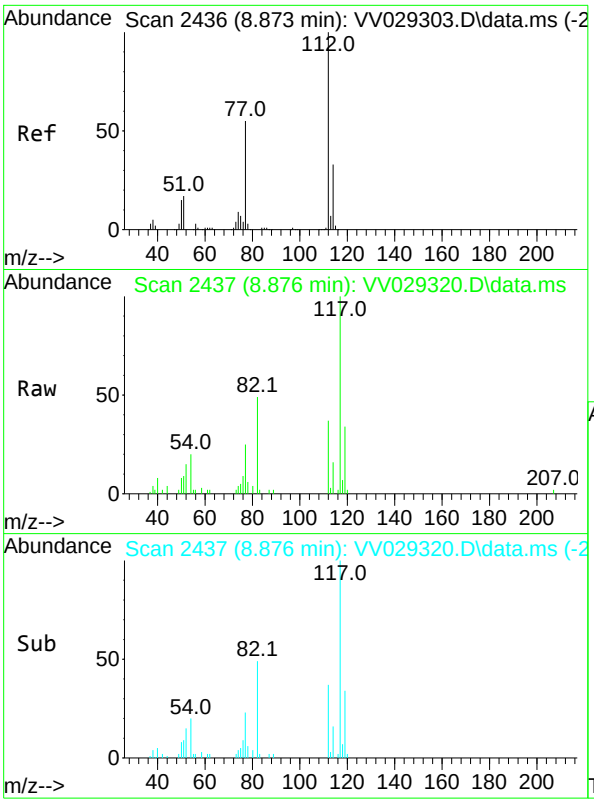


#42
Toluene
Concen: 1.533 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion: 91 Resp: 121185

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.8	75.8



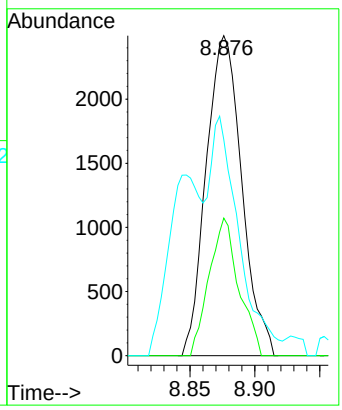


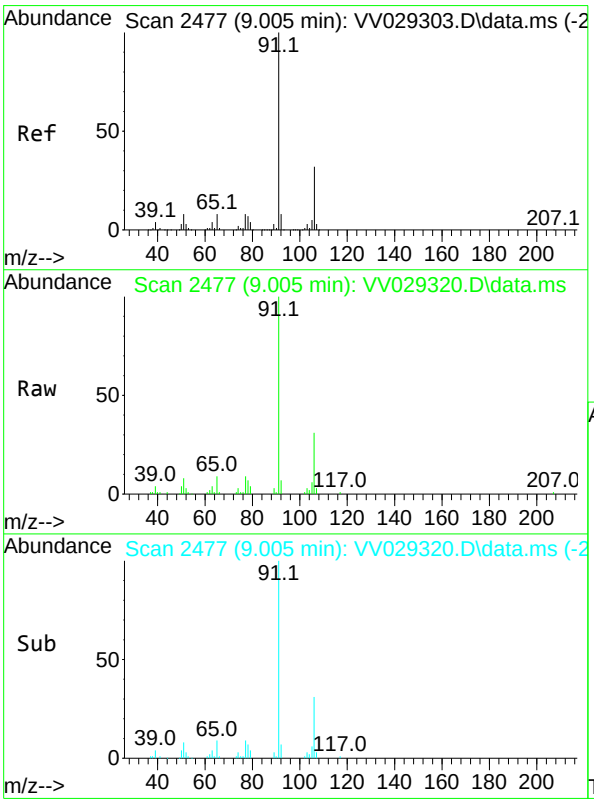
#51
Chlorobenzene
Concen: 0.096 ug/L
RT: 8.876 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion:112 Resp: 4754

Ion	Ratio	Lower	Upper
112	100		
114	43.0	22.9	42.5#
77	67.5	45.3	67.9

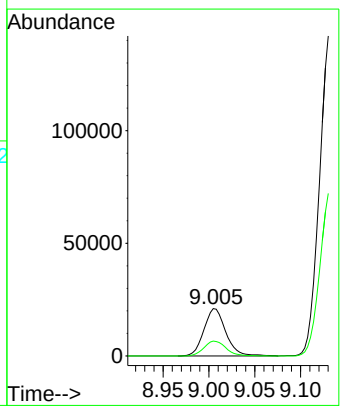


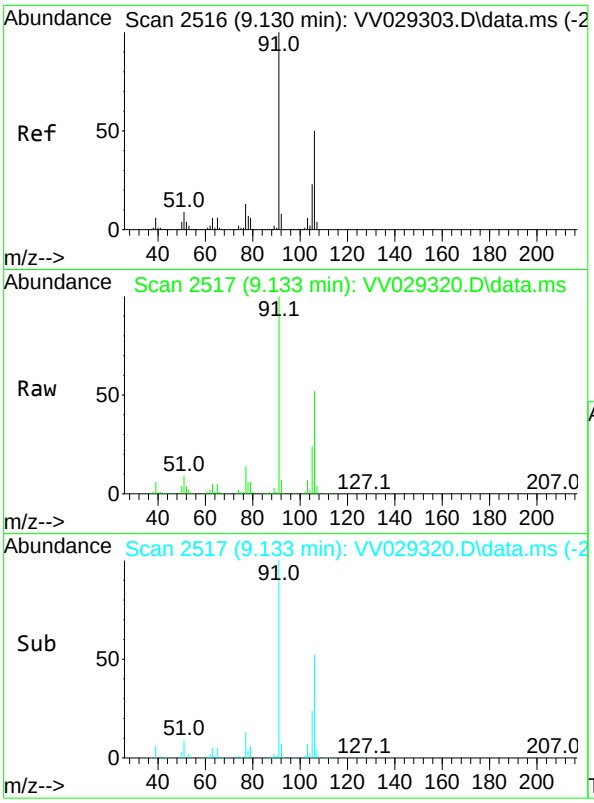


#52
Ethylbenzene
Concen: 0.424 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion: 91 Resp: 34934

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.9	40.7



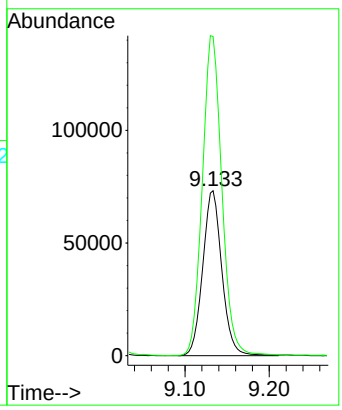


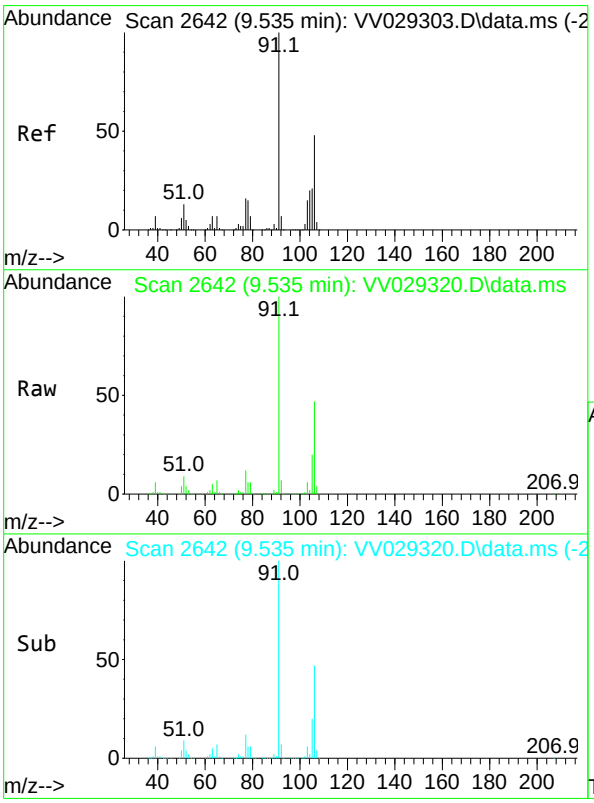
#53
m,p-Xylene
Concen: 3.558 ug/L
RT: 9.133 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion:106 Resp: 115681

Ion	Ratio	Lower	Upper
106	100		
91	193.5	140.6	261.2

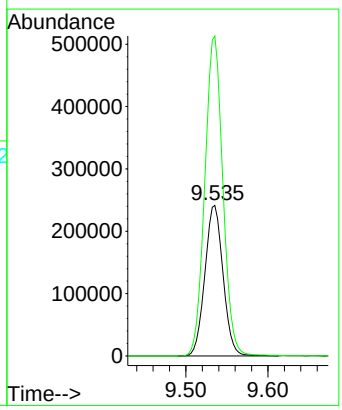


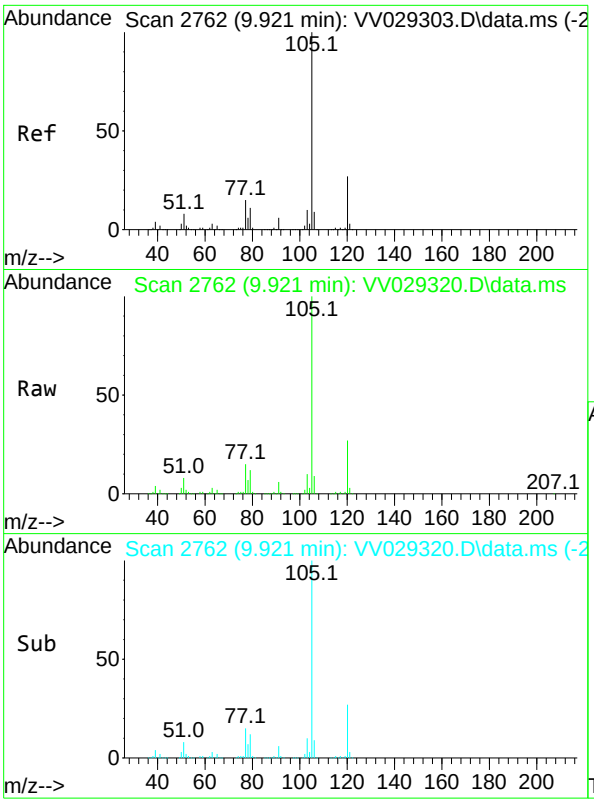


#54
o-Xylene
Concen: 11.629 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion:106 Resp: 371431

Ion	Ratio	Lower	Upper
106	100		
91	212.5	146.9	272.9



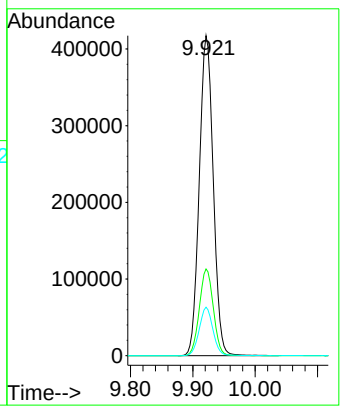


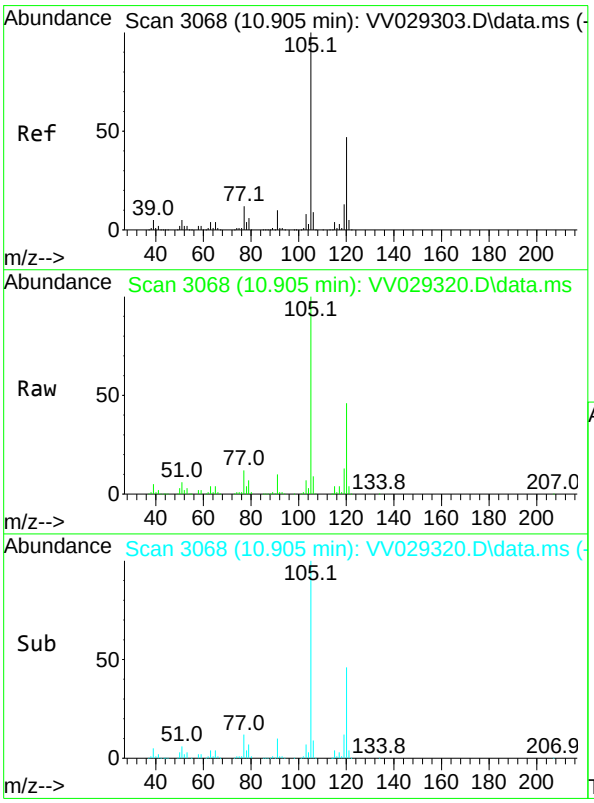
#60
Isopropylbenzene
Concen: 7.385 ug/L
RT: 9.921 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Instrument :
MSVOA_V
ClientSampleId :
BHB68

Tgt Ion:105 Resp: 649976

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.4	32.2
77	14.9	11.8	17.8





#63
1,2,4-Trimethylbenzene
Concen: 1.996 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029320.D
Acq: 24 Nov 2022 01:58

Tgt Ion:105 Resp: 152995

Ion	Ratio	Lower	Upper
105	100		
120	46.7	37.2	55.8