Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Quant Time: Dec 08 01:16:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	142771	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	134469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36909	3.149	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.000%			
7) Chloroethane-d5	1.568	69	32656	3.545	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.800%			
11) 1,1-Dichloroethene-d2	2.108	63	55178	2.671	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.400%#			
20) 2-Butanone-d5	3.889	46	93551	66.397	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.800%#			
24) Chloroform-d	4.349	84	89378	4.379	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
26) 1,2-Dichloroethane-d4	5.034	65	41153	4.316	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.400%			
32) Benzene-d6	5.050	84	166047	4.533	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	6.069	67	47270	4.603	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.000%			
41) Toluene-d8	7.317	98	164298	4.800	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
43) trans-1,3-Dichloroprop...	7.622	79	20512	4.955	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.200%			
46) 2-Hexanone-d5	8.088	63	85845	62.419	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.840%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36667	4.962	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	67061	4.956	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
3) Chloromethane	1.243	50	822	0.070	ug/L	89
5) Vinyl chloride	1.310	62	16507	1.335	ug/L	98
13) Acetone	2.185	43	9586	7.561	ug/L	92
14) Carbon disulfide	2.297	76	9048	0.281	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	5569	0.511	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	352498	33.736	ug/L	100
30) Cyclohexane	4.677	56	189534	12.925	ug/L	99
33) Benzene	5.104	78	39321	1.026	ug/L	100
34) Trichloroethene	5.915	95	168537	16.412	ug/L	98
35) Methylcyclohexane	6.130	83	141713	8.851	ug/L	93
42) Toluene	7.387	91	389257	9.363	ug/L	98
47) Tetrachloroethene	7.976	164	99045	10.596	ug/L	97
52) Ethylbenzene	9.014	91	4938438	113.637	ug/L	99
53) m,p-xylene	9.140	106	2685064	155.240	ug/L	100
54) o-xylene	9.542	106	590309	35.888	ug/L	99
60) Isopropylbenzene	9.931	105	531051	11.622	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.541	105	3187367	83.826	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	12036714	320.108	ug/L	95

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 08 01:16:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
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\VV120721\
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Acq On : 07 Dec 2021 16:27
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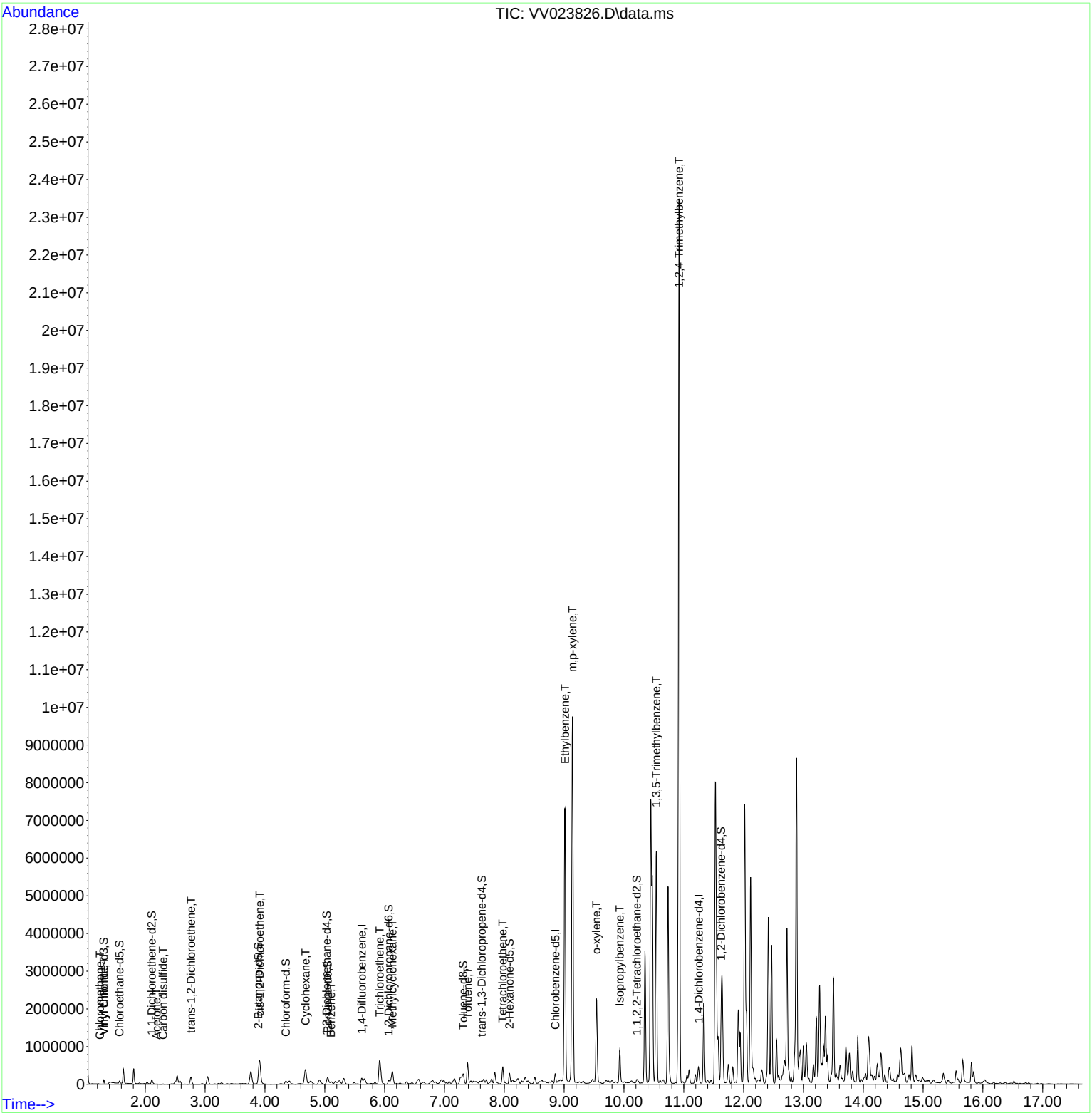
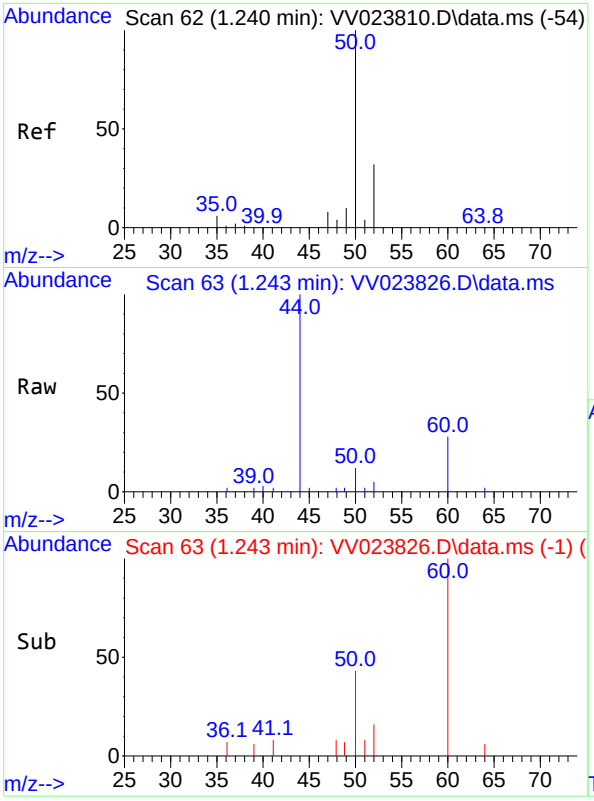
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration



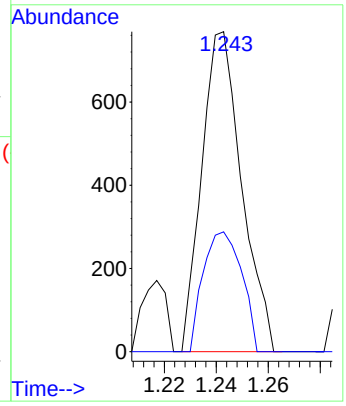


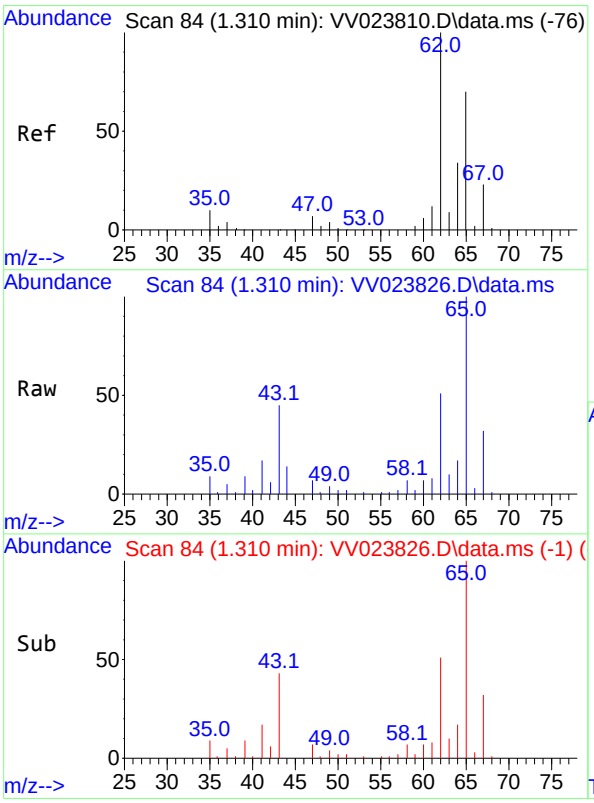
#3
Chloromethane
Concen: 0.070 ug/L
RT: 1.243 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion: 50 Resp: 822

Ion	Ratio	Lower	Upper
50	100		
52	37.5	22.0	41.0

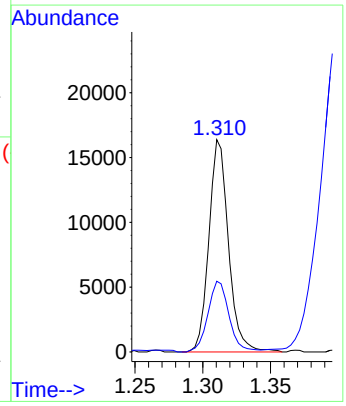


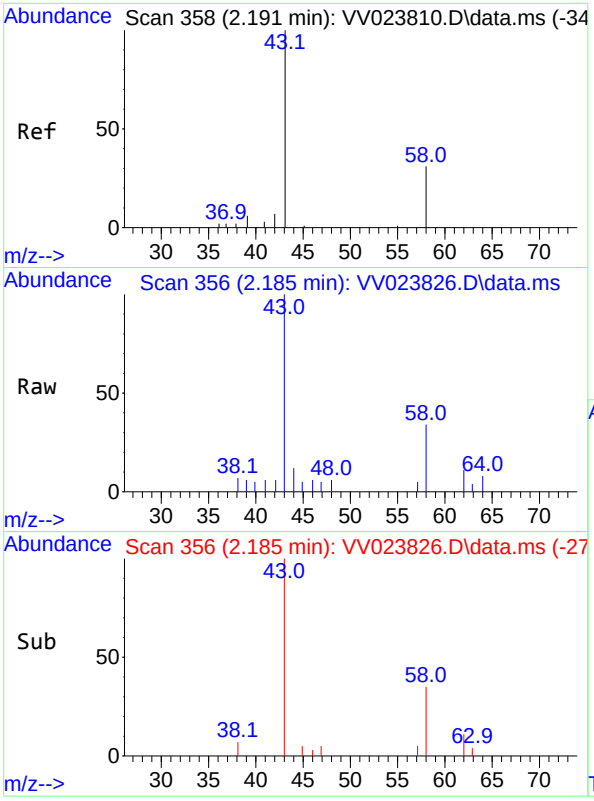


#5
Vinyl chloride
Concen: 1.335 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion: 62 Resp: 16507

Ion	Ratio	Lower	Upper
62	100		
64	33.3	22.4	41.6



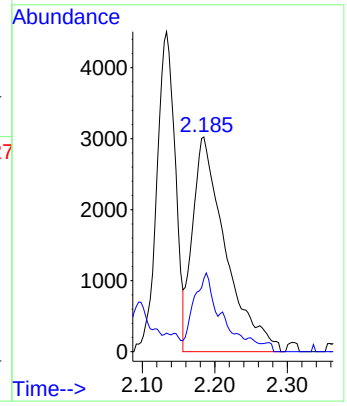


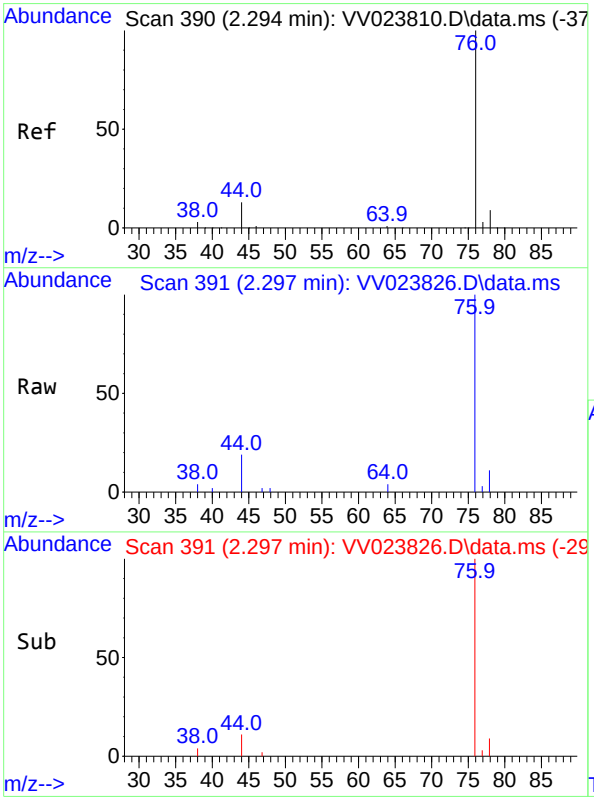
#13
Acetone
Concen: 7.561 ug/L
RT: 2.185 min Scan# 3
Delta R.T. -0.039 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion: 43 Resp: 9586

Ion	Ratio	Lower	Upper
43	100		
58	17.1	0.0	41.4

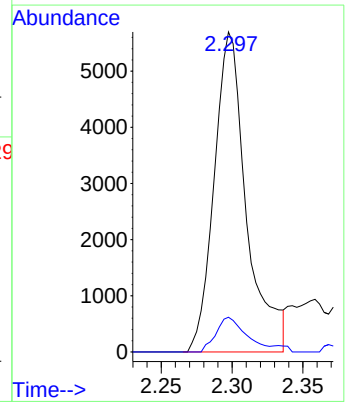


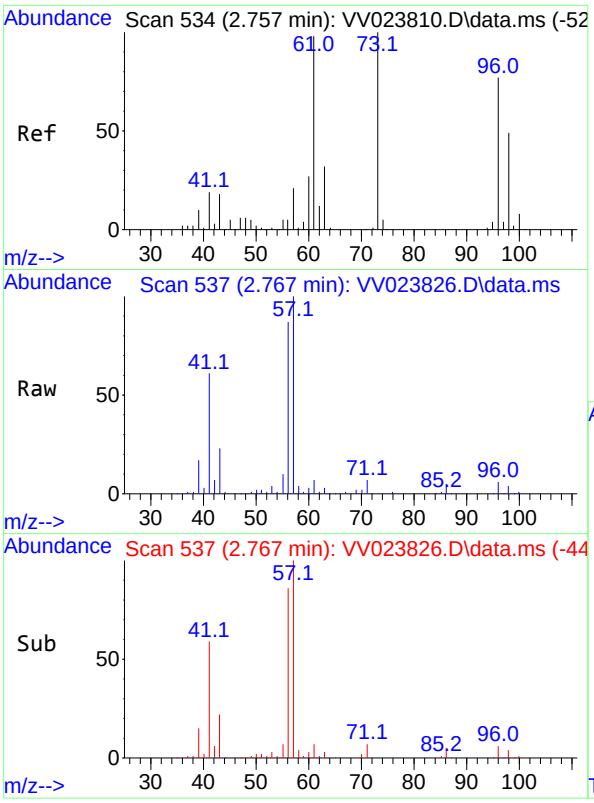


#14
Carbon disulfide
Concen: 0.281 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion: 76 Resp: 9048

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.5	11.3



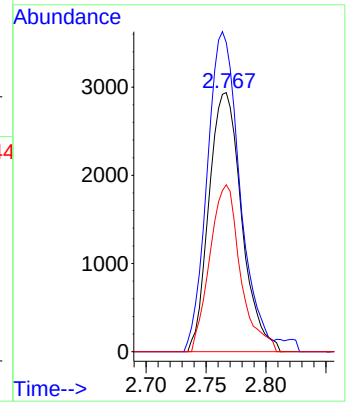


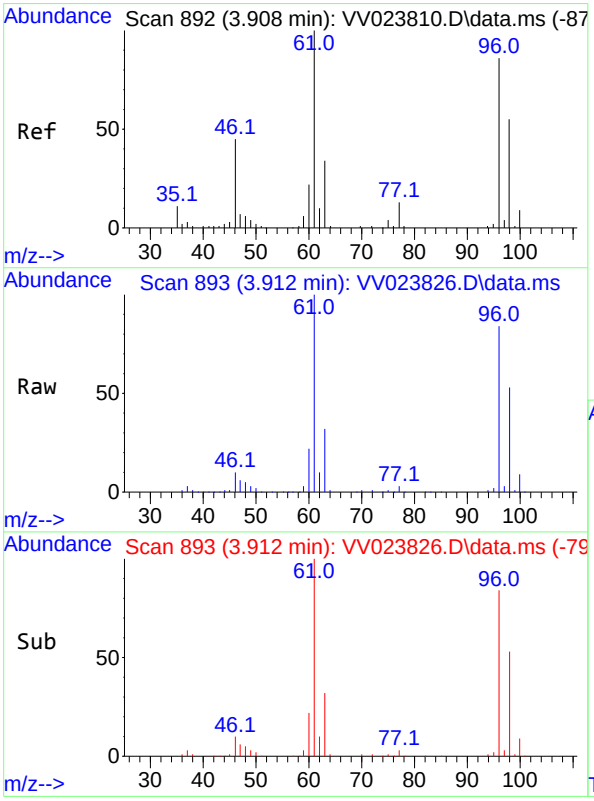
#18
trans-1,2-Dichloroethene
Concen: 0.511 ug/L
RT: 2.767 min Scan# 5
Delta R.T. 0.010 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion: 96 Resp: 5569

Ion	Ratio	Lower	Upper
96	100		
61	119.3	88.2	163.8
98	64.4	44.9	83.5

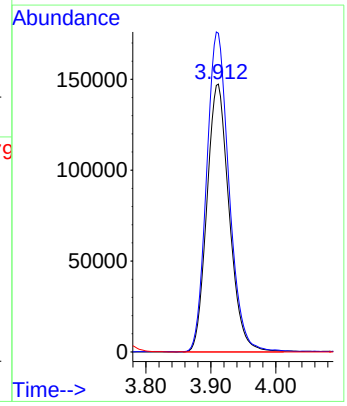


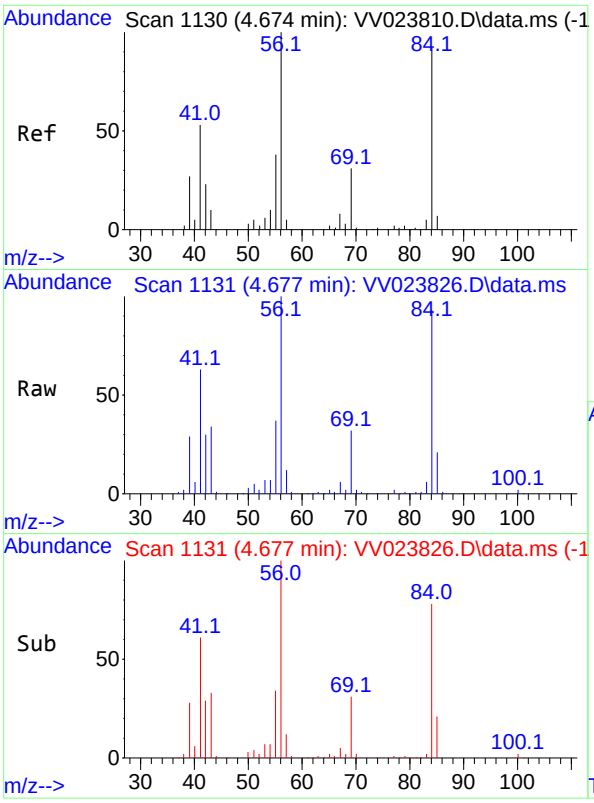


#22
cis-1,2-Dichloroethene
Concen: 33.736 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion: 96 Resp: 352498

Ion	Ratio	Lower	Upper
96	100		
61	119.0	83.4	154.8
68	0.0	0.0	0.0



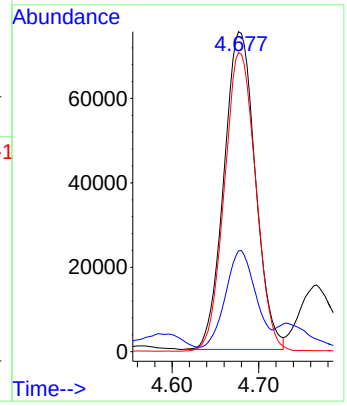


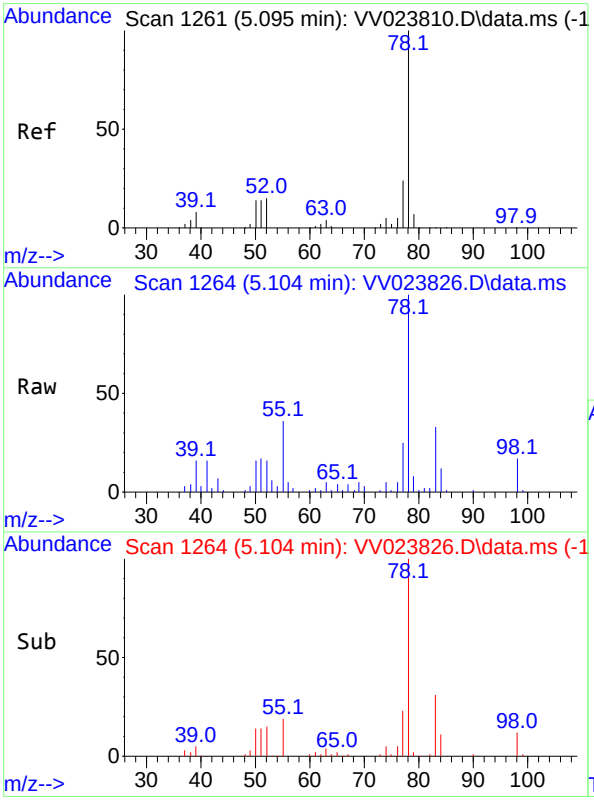
#30
Cyclohexane
Concen: 12.925 ug/L
RT: 4.677 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion: 56 Resp: 189534

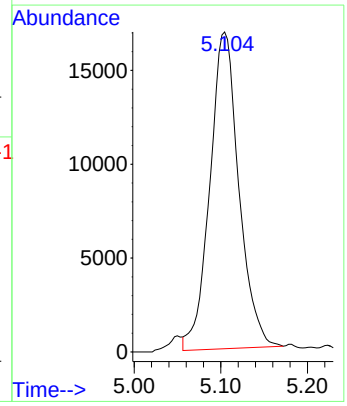
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.8	37.2
84	93.9	75.9	113.9

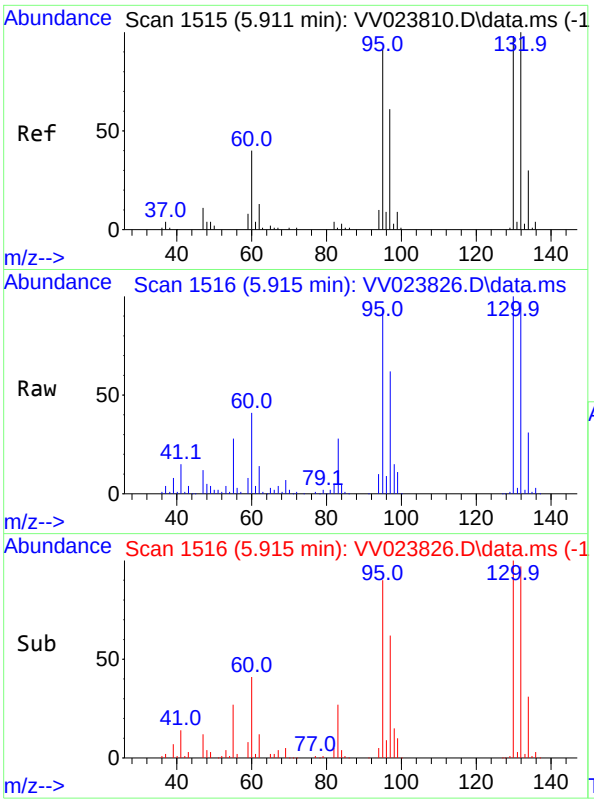




#33
Benzene
Concen: 1.026 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion: 78 Resp: 39321



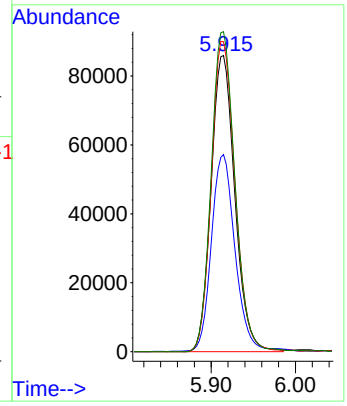


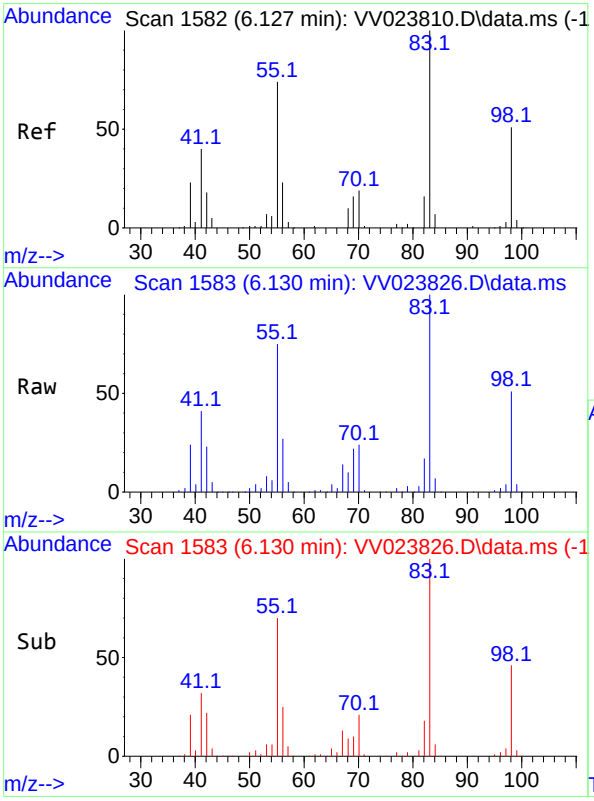
#34
Trichloroethene
Concen: 16.412 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion: 95 Resp: 168537

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.2	84.0
132	104.7	76.1	141.3
130	108.1	75.4	140.0

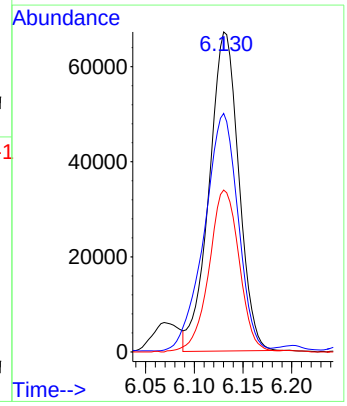


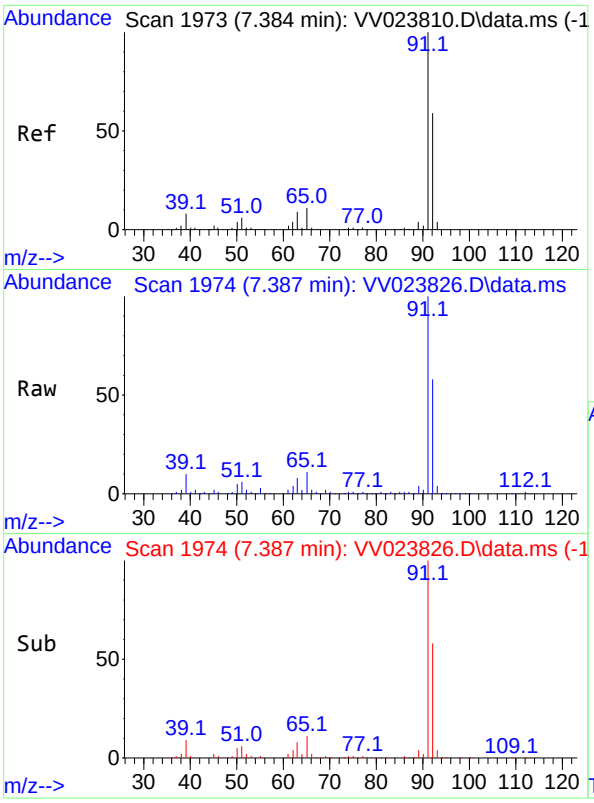


#35
Methylcyclohexane
Concen: 8.851 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion: 83 Resp: 141713

Ion	Ratio	Lower	Upper
83	100		
55	84.6	60.2	90.2
98	52.0	41.0	61.4



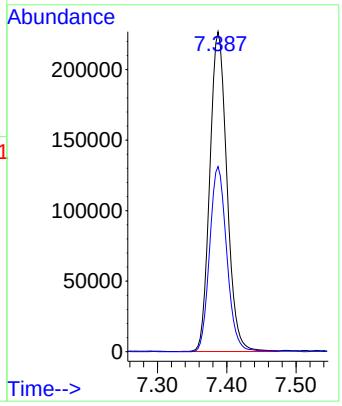


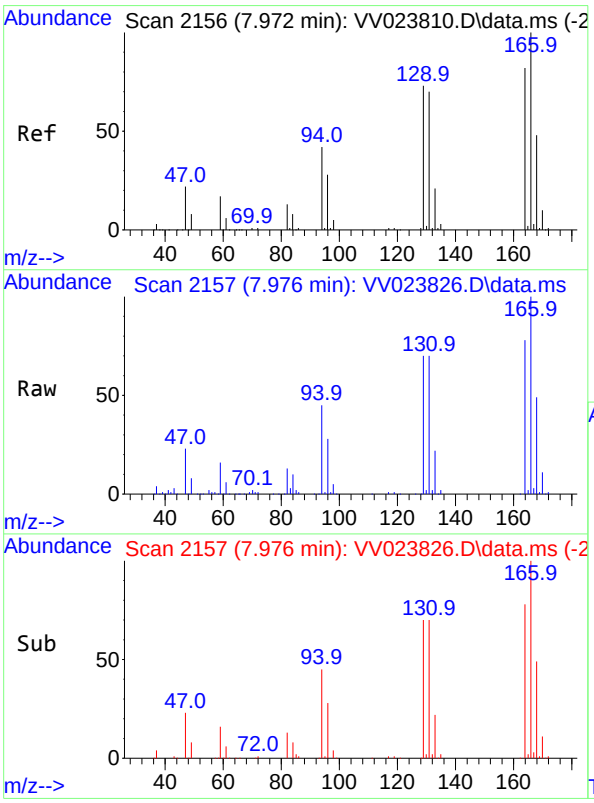
#42
Toluene
Concen: 9.363 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion: 91 Resp: 389257

Ion	Ratio	Lower	Upper
91	100		
92	57.8	41.5	77.1

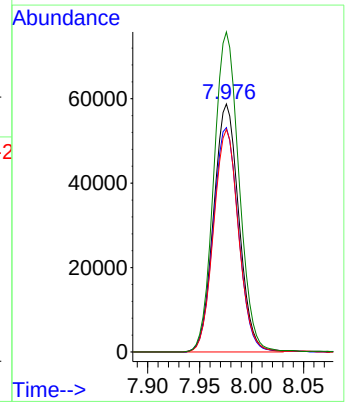


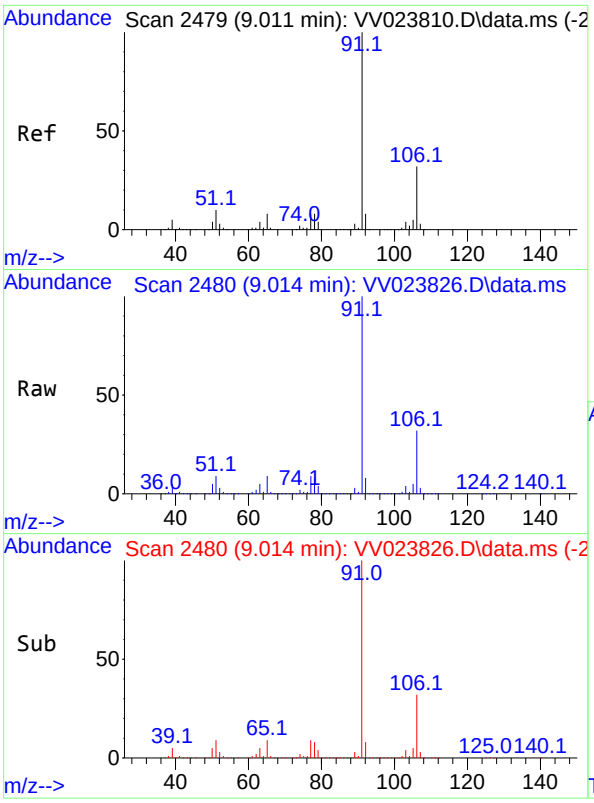


#47
Tetrachloroethene
Concen: 10.596 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion:164 Resp: 99045

Ion	Ratio	Lower	Upper
164	100		
129	90.5	62.6	116.2
131	89.7	61.0	113.4
166	129.0	87.3	162.1



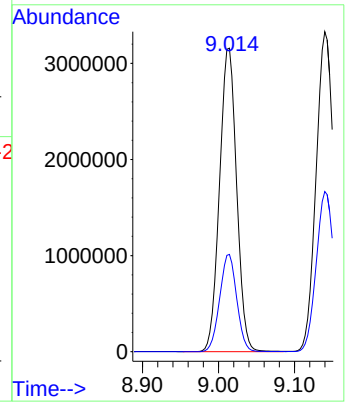


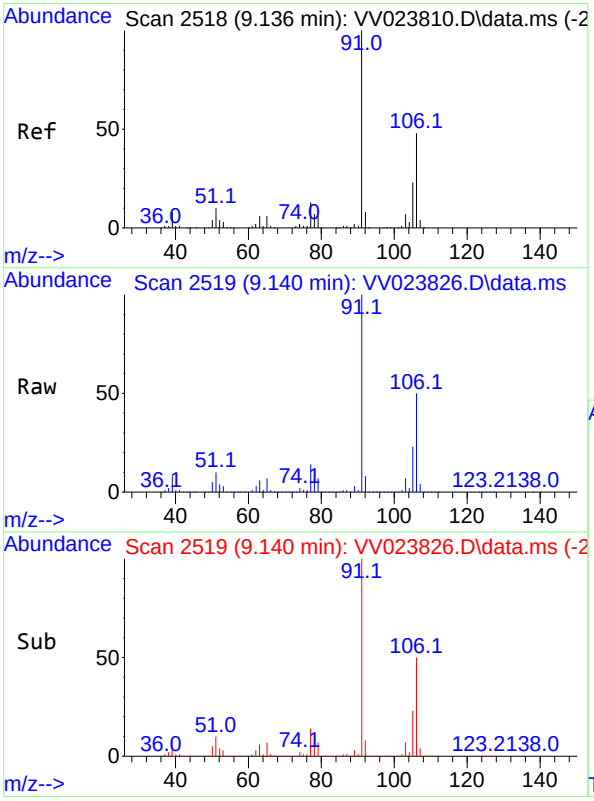
#52
Ethylbenzene
Concen: 113.637 ug/L
RT: 9.014 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion: 91 Resp: 4938438

Ion	Ratio	Lower	Upper
91	100		
106	32.0	22.0	41.0

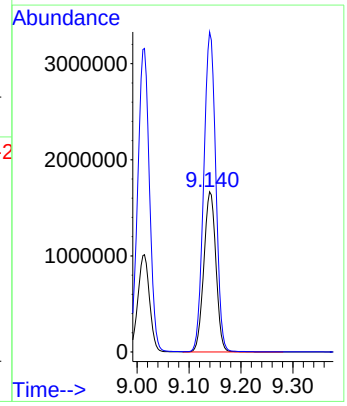


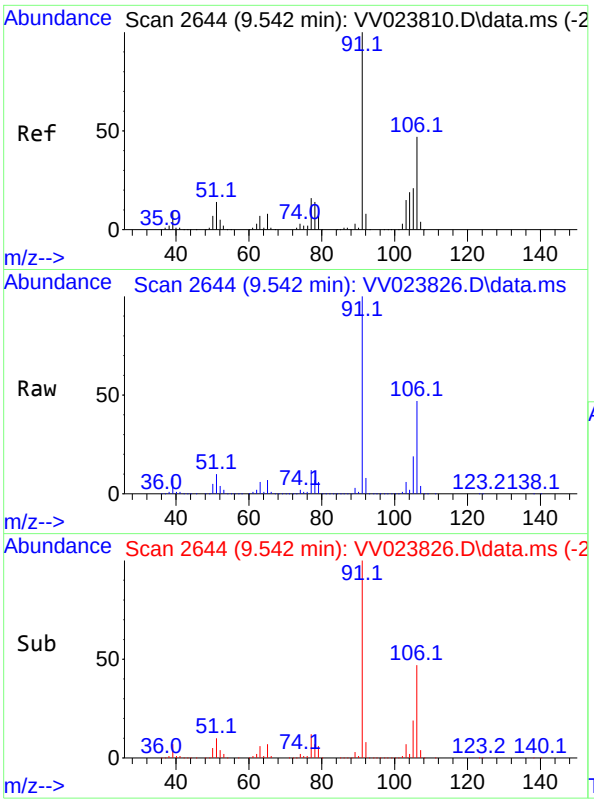


#53
m,p-xylene
Concen: 155.240 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion:106 Resp: 2685064

Ion	Ratio	Lower	Upper
106	100		
91	199.8	139.5	259.1



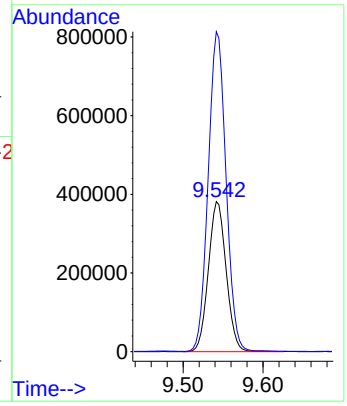


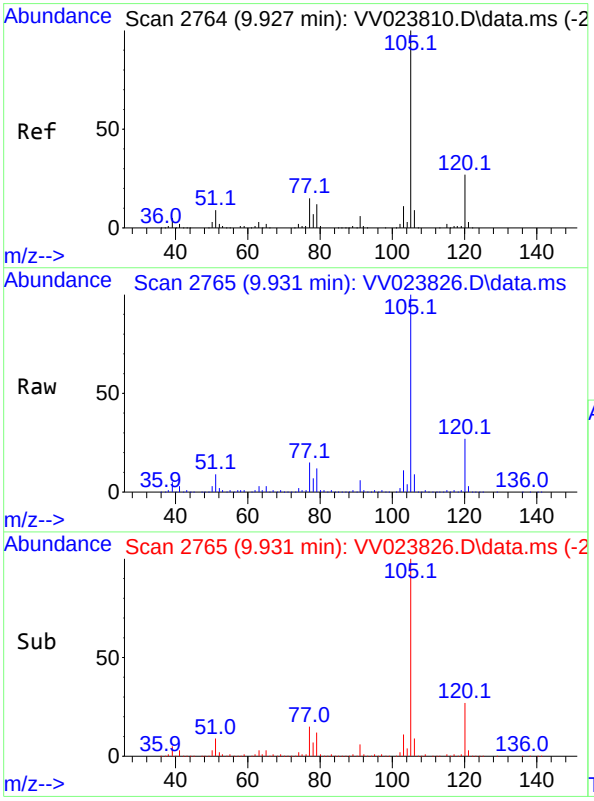
#54
o-xylene
Concen: 35.888 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion:106 Resp: 590309

Ion	Ratio	Lower	Upper
106	100		
91	213.3	147.9	274.7

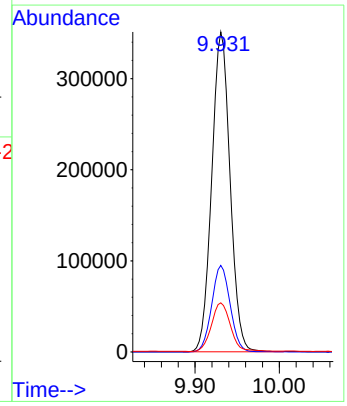


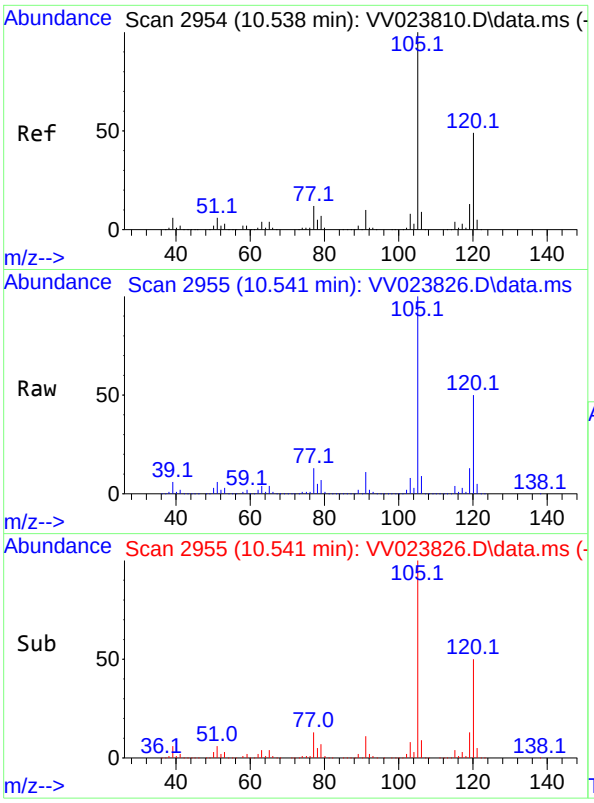


#60
Isopropylbenzene
Concen: 11.622 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion:105 Resp: 531051

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.4	32.0#
77	15.8	12.2	18.4



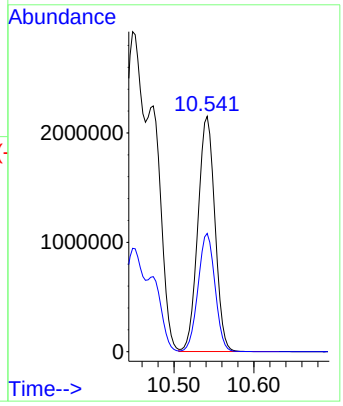


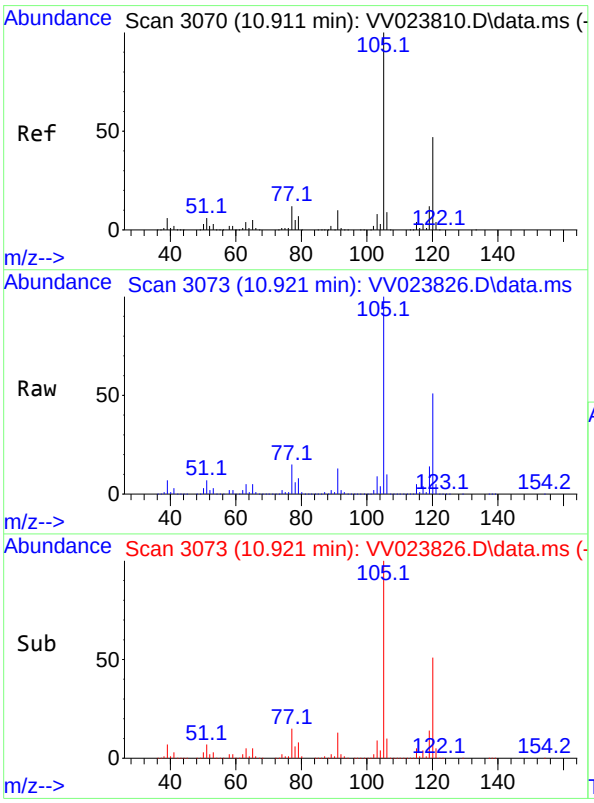
#62
1,3,5-Trimethylbenzene
Concen: 83.826 ug/L
RT: 10.541 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0G31

Tgt Ion:105 Resp: 3187367

Ion	Ratio	Lower	Upper
105	100		
120	50.1	40.1	60.1





#63
1,2,4-Trimethylbenzene
Concen: 320.108 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.010 min
Lab File: VV023826.D
Acq: 07 Dec 2021 16:27

Tgt Ion:105 Resp:12036714

Ion	Ratio	Lower	Upper
105	100		
120	49.5	36.7	55.1