Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028449.D
Acq On : 08 Oct 2022 20:13
Operator : SY/MD
Sample : N4889-03 25X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ61

Quant Time: Oct 09 05:53:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 08 02:10:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	309462	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	277155	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	138436	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	83863	35.121	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.240%		
7) Chloroethane-d5	1.561	69	66433	35.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.180%		
11) 1,1-Dichloroethene-d2	2.101	63	110905	27.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.580%#		
21) 2-Butanone-d5	3.899	46	162158	77.576	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.580%		
24) Chloroform-d	4.339	84	188464	43.035	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.060%		
26) 1,2-Dichloroethane-d4	5.024	65	133424	47.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.480%		
32) Benzene-d6	5.043	84	398910	44.917	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.840%		
36) 1,2-Dichloropropane-d6	6.063	67	125656	43.396	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.800%		
41) Toluene-d8	7.310	98	362592	45.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.200%		
43) trans-1,3-Dichloroprop...	7.616	79	63173	42.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.600%		
47) 2-Hexanone-d5	8.085	63	126597	80.372	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.370%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	163057	41.152	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.300%		
66) 1,2-Dichlorobenzene-d4	11.615	152	132020	46.024	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.040%		
Target Compounds						Qvalue
29) Cyclohexane	4.674	56	4174	1.047	ug/L #	83
35) Methylcyclohexane	6.127	83	13161	3.348	ug/L	97
42) Toluene	7.381	91	702434	74.761	ug/L	100
52) Ethylbenzene	9.005	91	630032	61.522	ug/L	100
53) m,p-Xylene	9.130	106	485332	125.036	ug/L	100
54) o-Xylene	9.538	106	17296	4.450	ug/L	93
60) Isopropylbenzene	9.924	105	53826	5.396	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	17206	2.006	ug/L	98

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

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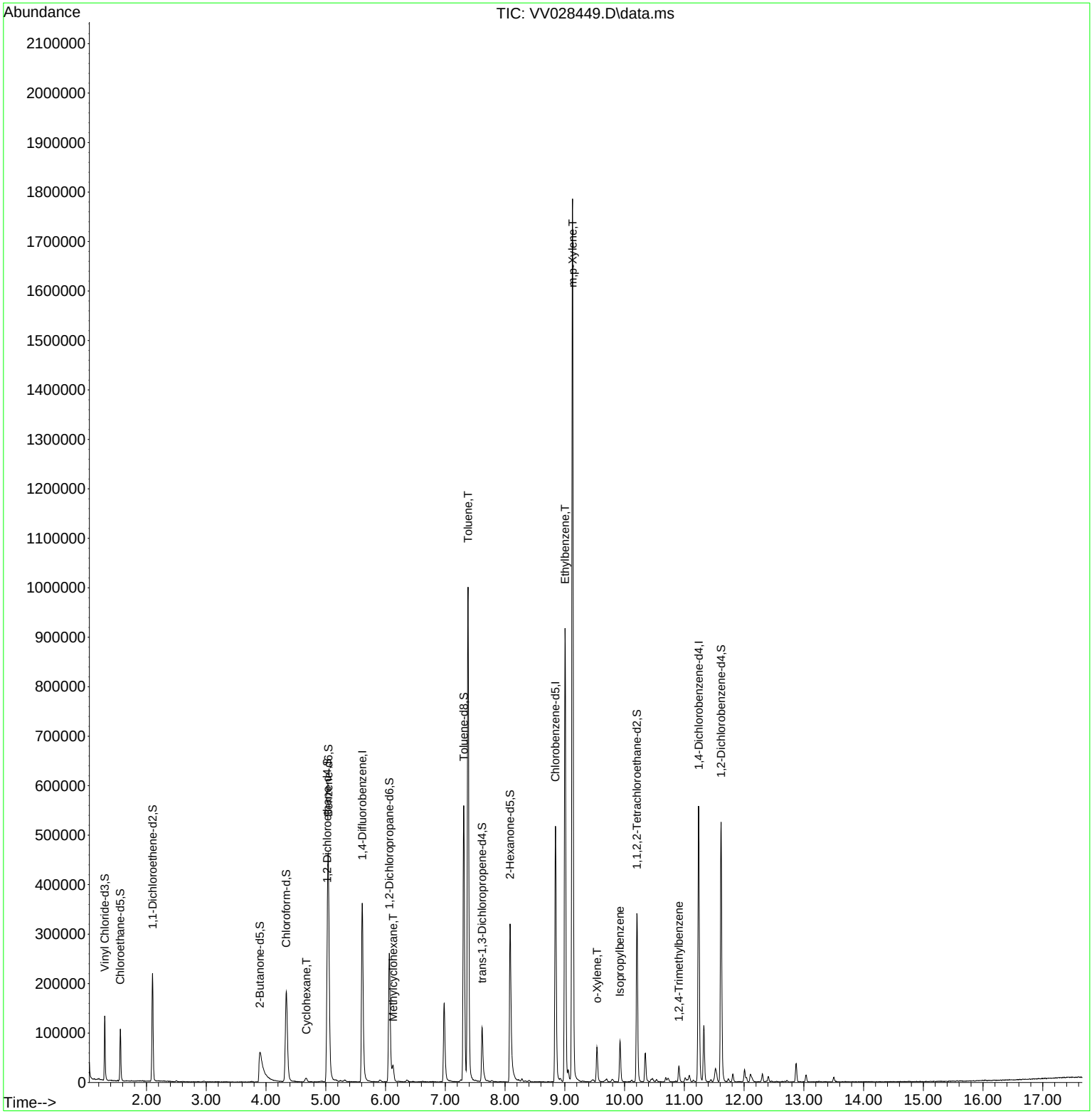
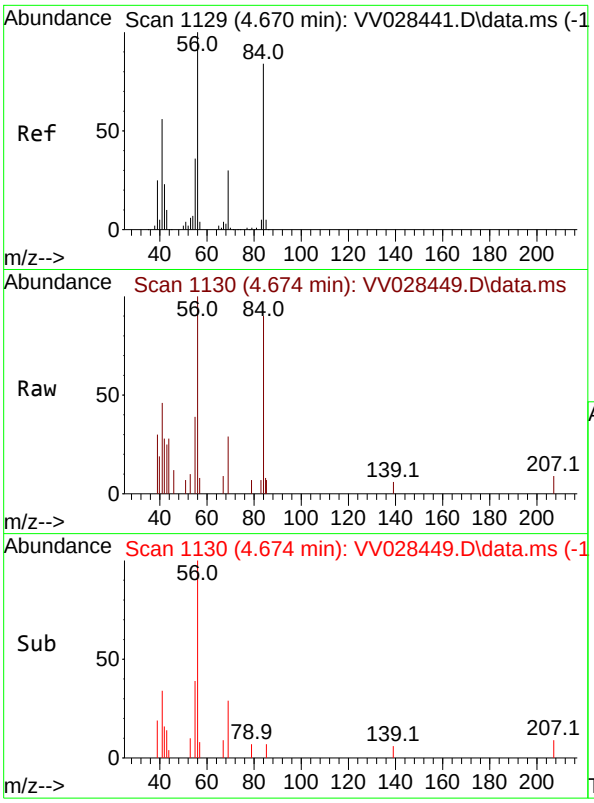


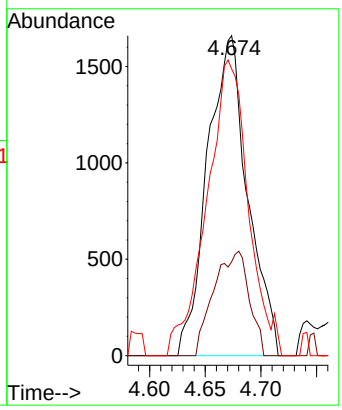


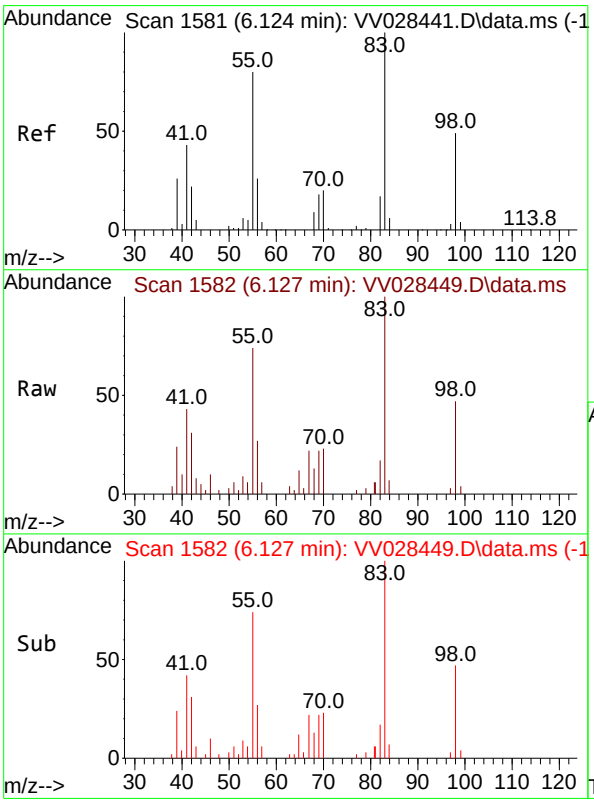
#29
Cyclohexane
Concen: 1.047 ug/L
RT: 4.674 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028449.D
Acq: 08 Oct 2022 20:13

Instrument :
MSVOA_V
ClientSampleId :
EXZ61

Tgt Ion: 56 Resp: 4174

Ion	Ratio	Lower	Upper
56	100		
69	13.7	23.0	34.6#
84	93.4	65.8	98.8

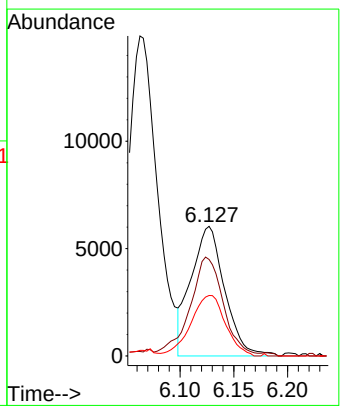


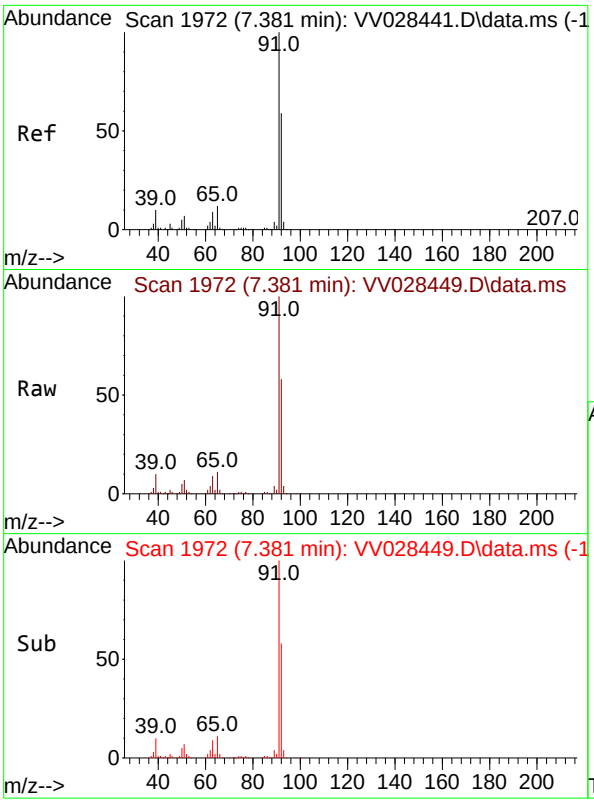


#35
Methylcyclohexane
Concen: 3.348 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028449.D
Acq: 08 Oct 2022 20:13

Tgt Ion: 83 Resp: 13161

Ion	Ratio	Lower	Upper
83	100		
55	76.1	63.7	95.5
98	48.1	38.2	57.2



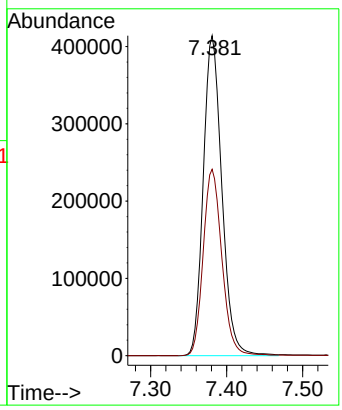


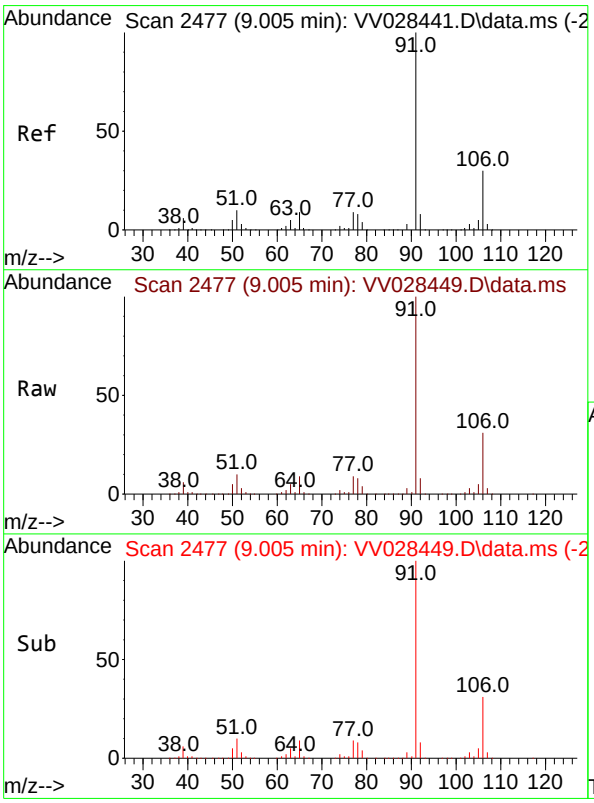
#42
Toluene
Concen: 74.761 ug/L
RT: 7.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028449.D
Acq: 08 Oct 2022 20:13

Instrument :
MSVOA_V
ClientSampleId :
EXZ61

Tgt Ion: 91 Resp: 702434

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.9	76.0

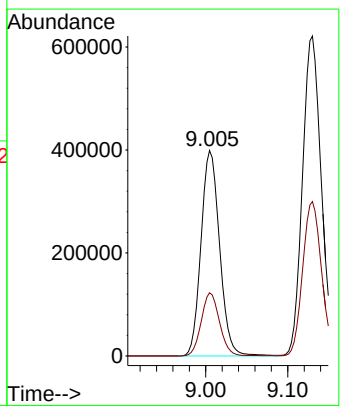


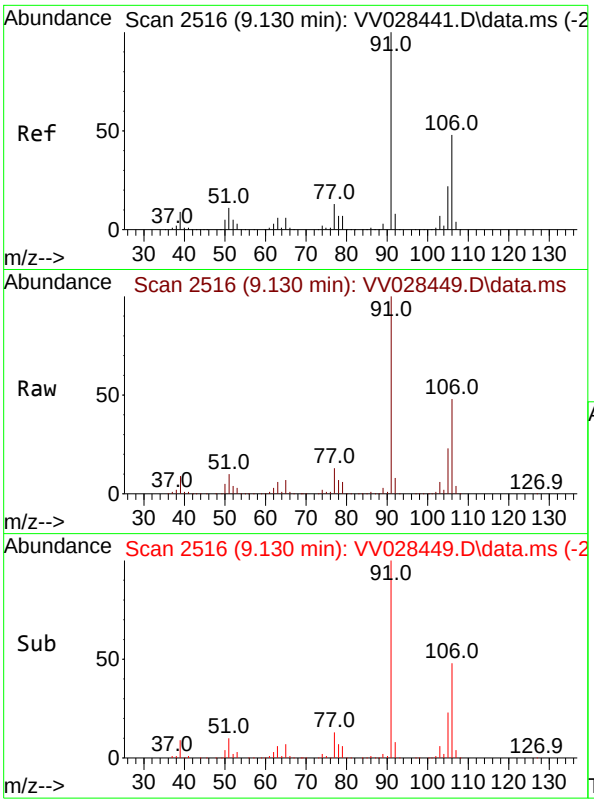


#52
Ethylbenzene
Concen: 61.522 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028449.D
Acq: 08 Oct 2022 20:13

Tgt Ion: 91 Resp: 630032

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.4	39.8



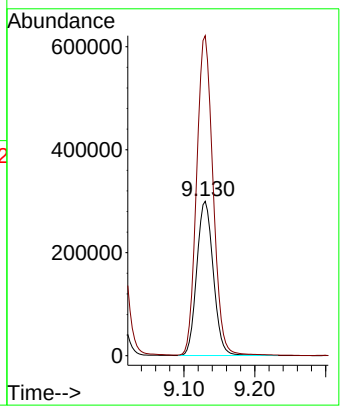


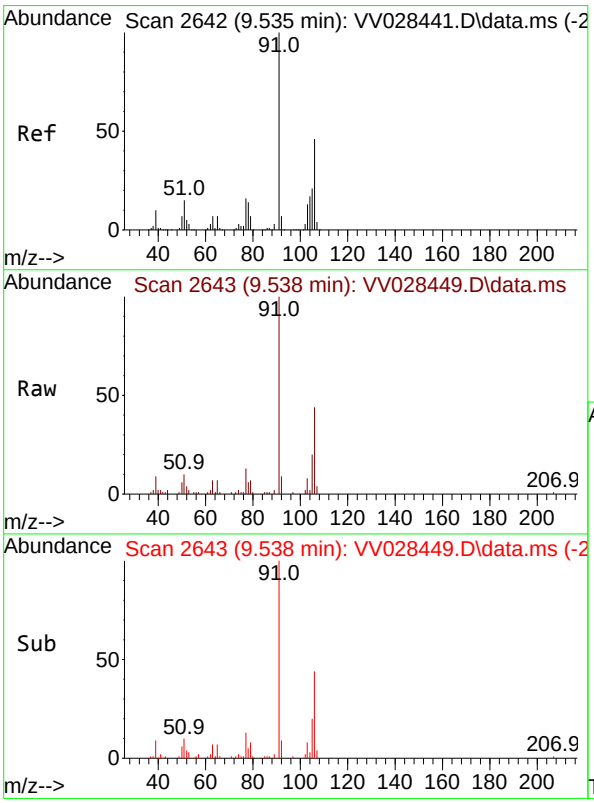
#53
m,p-Xylene
Concen: 125.036 ug/L
RT: 9.130 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028449.D
Acq: 08 Oct 2022 20:13

Instrument :
MSVOA_V
ClientSampleId :
EXZ61

Tgt Ion:106 Resp: 485332

Ion	Ratio	Lower	Upper
106	100		
91	207.2	145.2	269.6

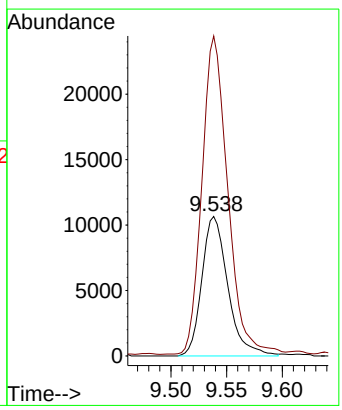


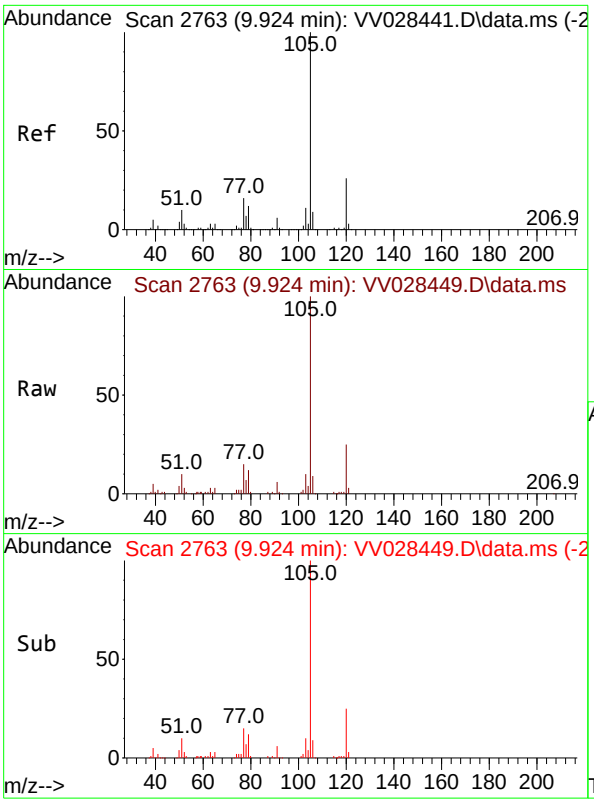


#54
o-Xylene
Concen: 4.450 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028449.D
Acq: 08 Oct 2022 20:13

Tgt Ion:106 Resp: 17296

Ion	Ratio	Lower	Upper
106	100		
91	229.2	152.5	283.3



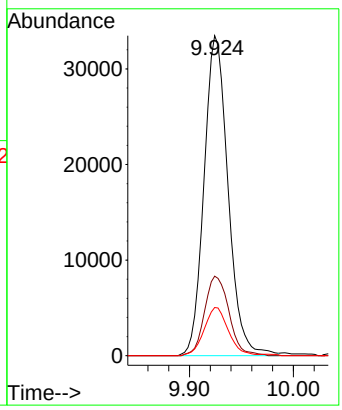


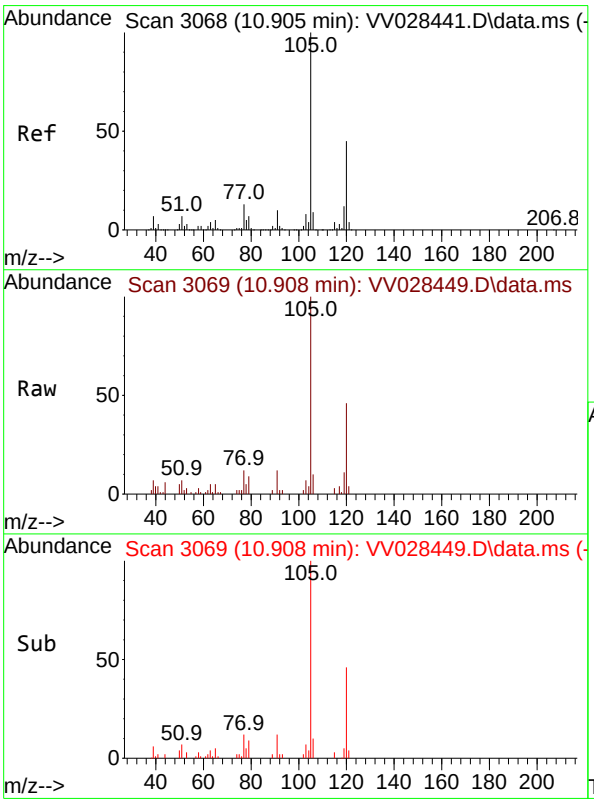
#60
Isopropylbenzene
Concen: 5.396 ug/L
RT: 9.924 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028449.D
Acq: 08 Oct 2022 20:13

Instrument :
MSVOA_V
ClientSampleId :
EXZ61

Tgt Ion:105 Resp: 53826

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.5	30.7
77	15.2	12.7	19.1





#63
1,2,4-Trimethylbenzene
Concen: 2.006 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028449.D
Acq: 08 Oct 2022 20:13

Tgt Ion:105 Resp: 17206

Ion	Ratio	Lower	Upper
105	100		
120	46.4	35.9	53.9