Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
Data File : VV033649.D
Acq On : 15 Jan 2024 17:46
Operator : SY/MD
Sample : P1131-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Quant Time: Jan 16 03:47:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 03:40:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.551	114	114510	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.792	117	104872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	23207	3.706	ug/L	0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.200%			
7) Chloroethane-d5	1.548	69	22571	4.064	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.200%			
11) 1,1-Dichloroethene-d2	2.069	65	10948	3.880	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.600%			
20) 2-Butanone-d5	3.915	46	60799	39.712	ug/L	0.10
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.420%			
24) Chloroform-d	4.259	84	55047	4.065	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.400%			
26) 1,2-Dichloroethane-d4	4.963	65	28983	4.774	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	4.966	84	111967	4.425	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.021	67	36050	4.273	ug/L	0.03
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.262	98	98444	4.358	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.200%			
43) trans-1,3-Dichloroprop...	7.574	79	11503	3.944	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.800%			
46) 2-Hexanone-d5	8.050	63	57768	50.448	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.900%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	23634	4.794	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	37225	4.553	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.000%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.822	96	2326	0.244	ug/L	95
30) Cyclohexane	4.577	56	44320	2.487	ug/L	97
33) Benzene	5.018	78	113037	3.036	ug/L	100
35) Methylcyclohexane	6.072	83	45613	2.719	ug/L	96
42) Toluene	7.336	91	39910	1.014	ug/L	99
51) Chlorobenzene	8.821	112	879339	36.453	ug/L	99
52) Ethylbenzene	8.960	91	7739	0.170	ug/L	89
53) m,p-Xylene	9.085	106	5290	0.315	ug/L	100
54) o-Xylene	9.484	106	36115	2.207	ug/L	94
60) Isopropylbenzene	9.870	105	294289	6.986	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	37488	1.030	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	23455	1.259	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	92001	5.043	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	64250	3.968	ug/L	95

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

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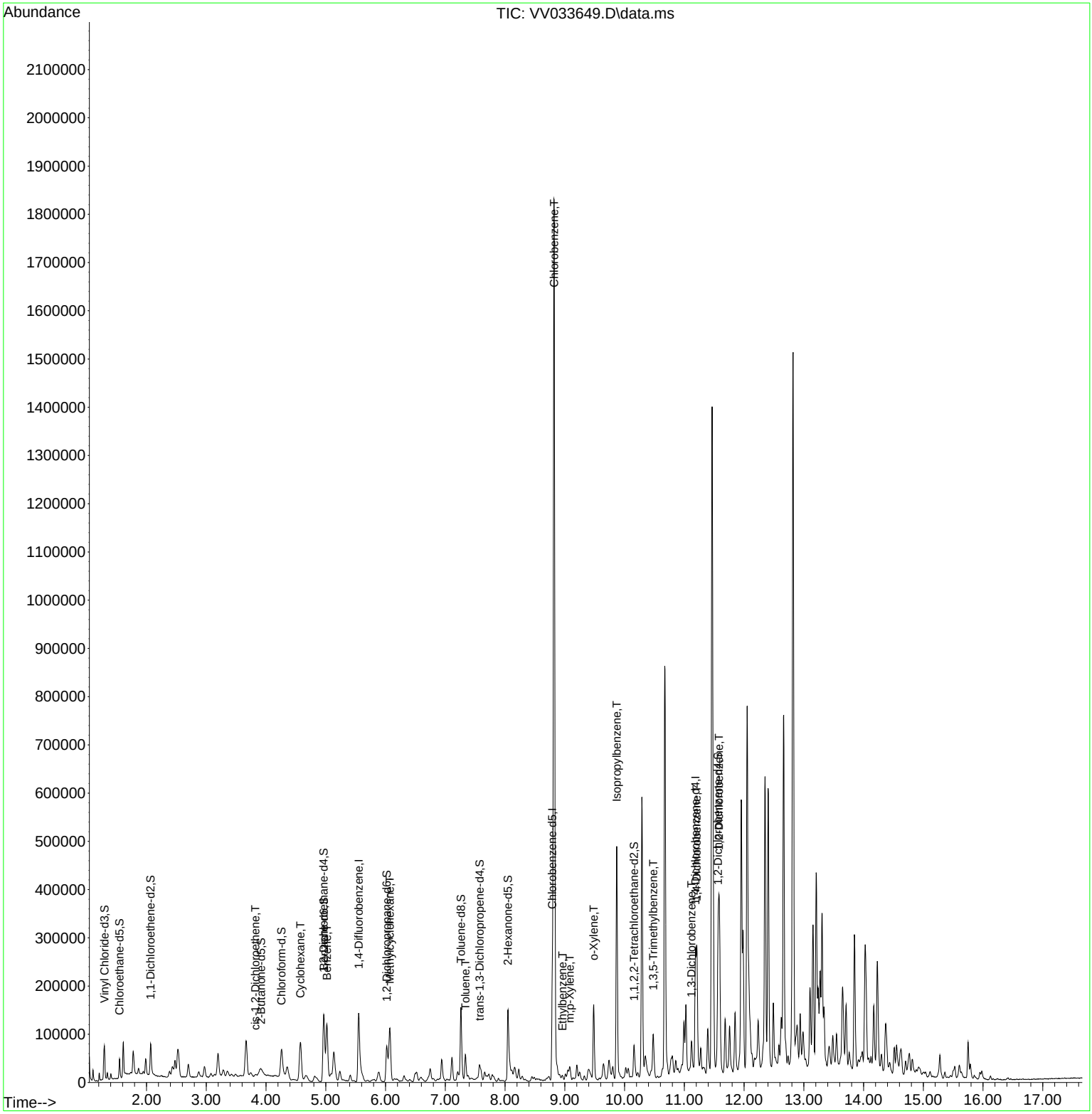
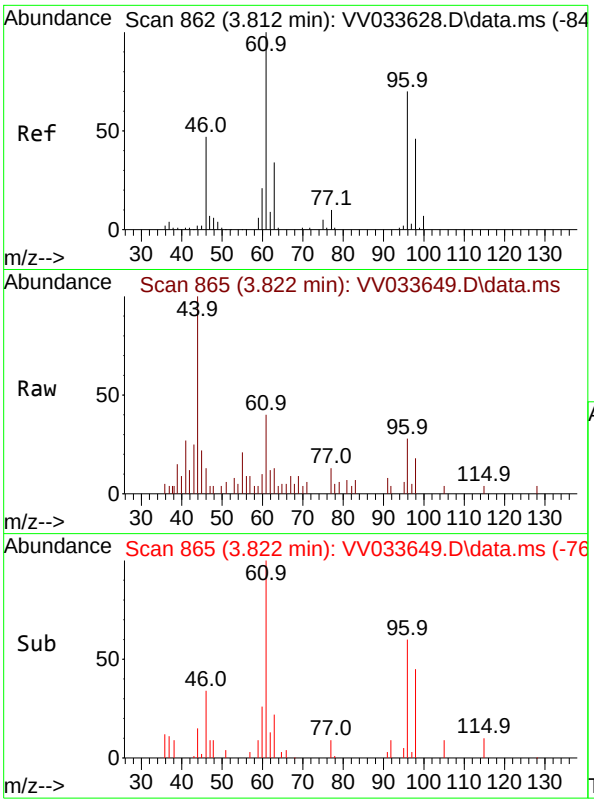
Quant Time: Jan 16 03:47:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 03:40:53 2024
Response via : Initial Calibration



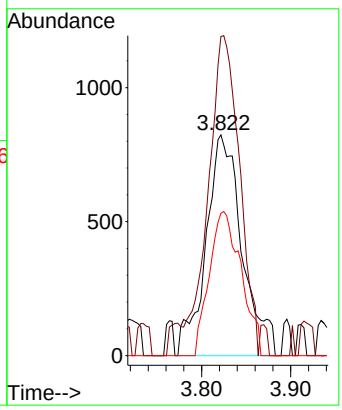


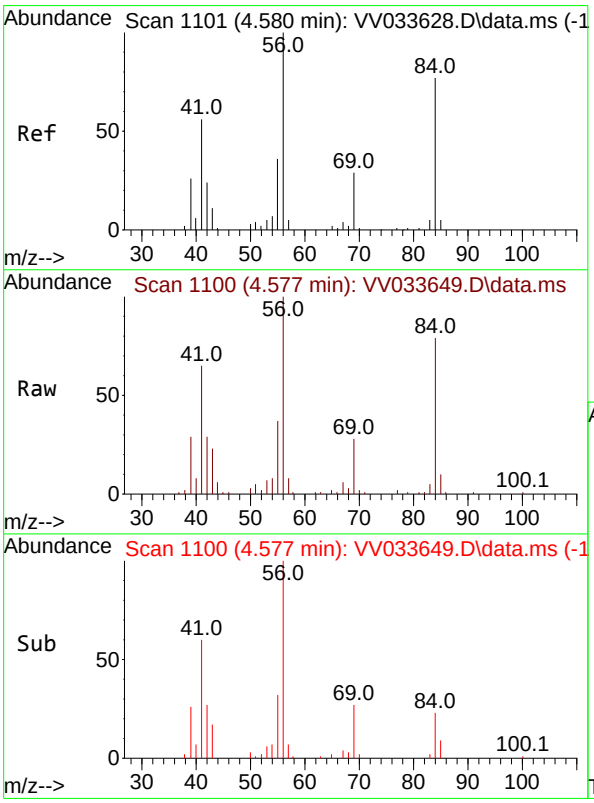
#22
cis-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 3.822 min Scan# 8
Delta R.T. 0.010 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tgt Ion: 96 Resp: 2326

Ion	Ratio	Lower	Upper
96	100		
61	144.5	97.1	180.3
98	64.4	42.6	79.0

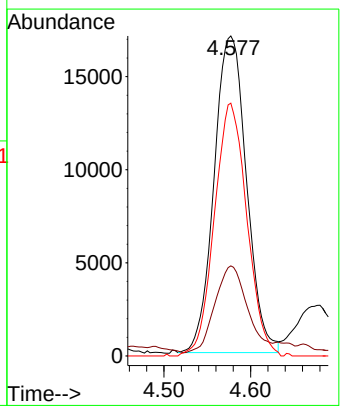


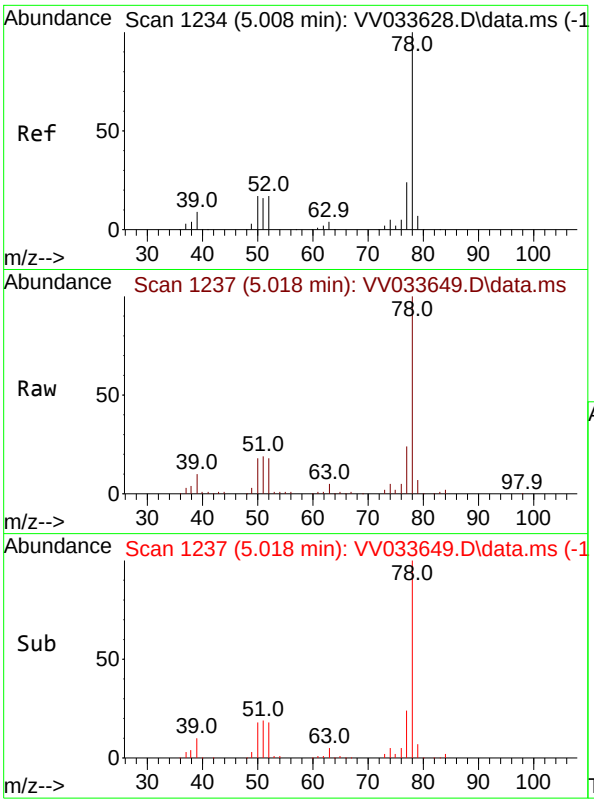


#30
Cyclohexane
Concen: 2.487 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. -0.003 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Tgt Ion: 56 Resp: 44320

Ion	Ratio	Lower	Upper
56	100		
69	27.4	23.3	34.9
84	79.7	61.7	92.5

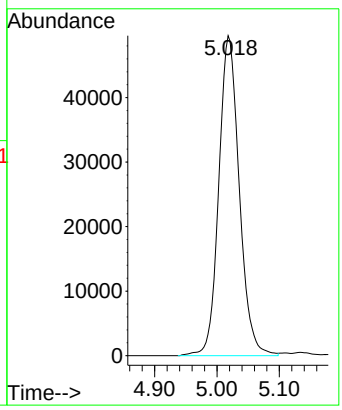


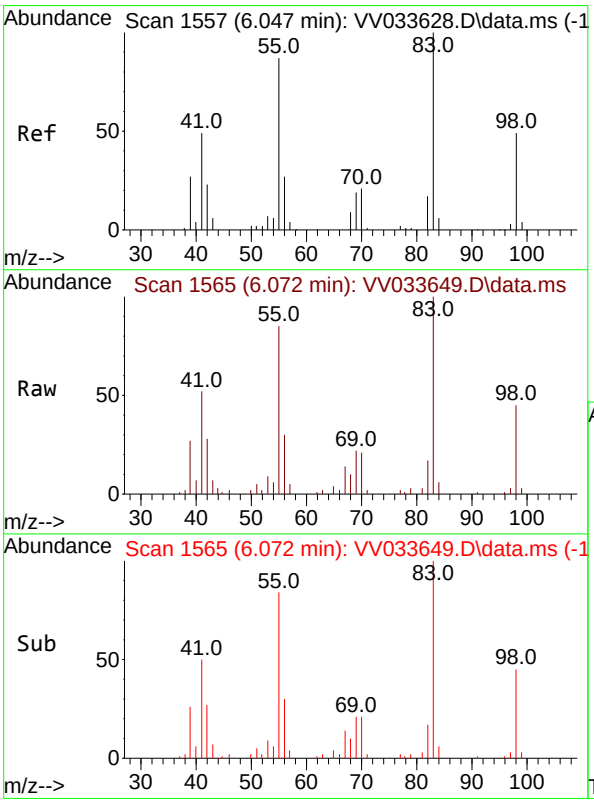


#33
Benzene
Concen: 3.036 ug/L
RT: 5.018 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tgt Ion: 78 Resp: 113037

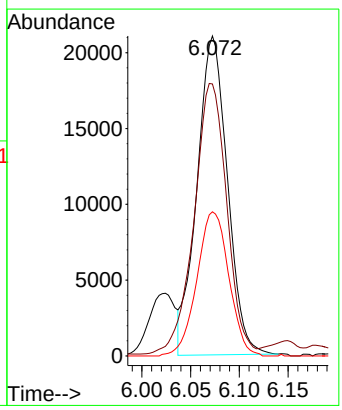


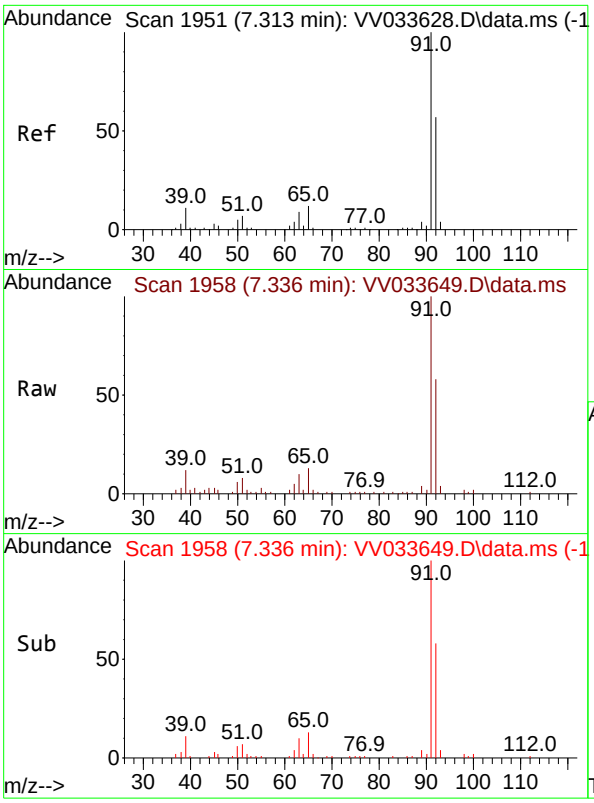


#35
Methylcyclohexane
Concen: 2.719 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. 0.026 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Tgt Ion: 83 Resp: 45613

Ion	Ratio	Lower	Upper
83	100		
55	90.8	68.7	103.1
98	47.6	38.3	57.5



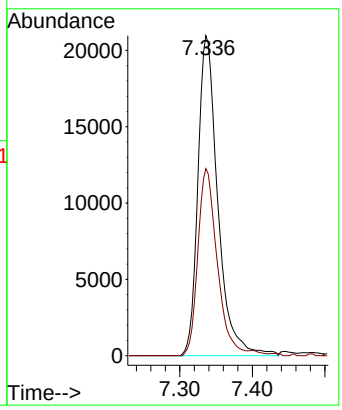


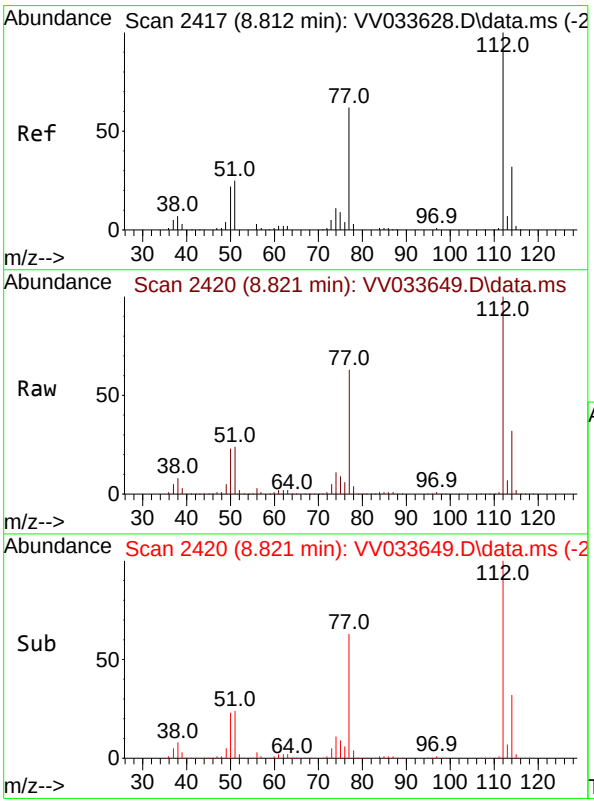
#42
Toluene
Concen: 1.014 ug/L
RT: 7.336 min Scan# 1
Delta R.T. 0.022 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tgt Ion: 91 Resp: 39910

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.5	75.3

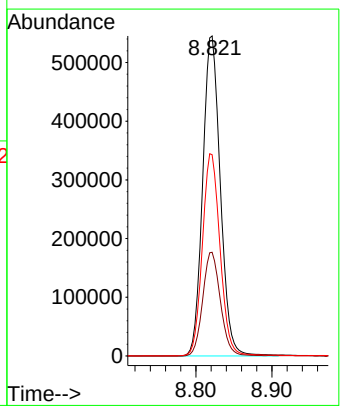


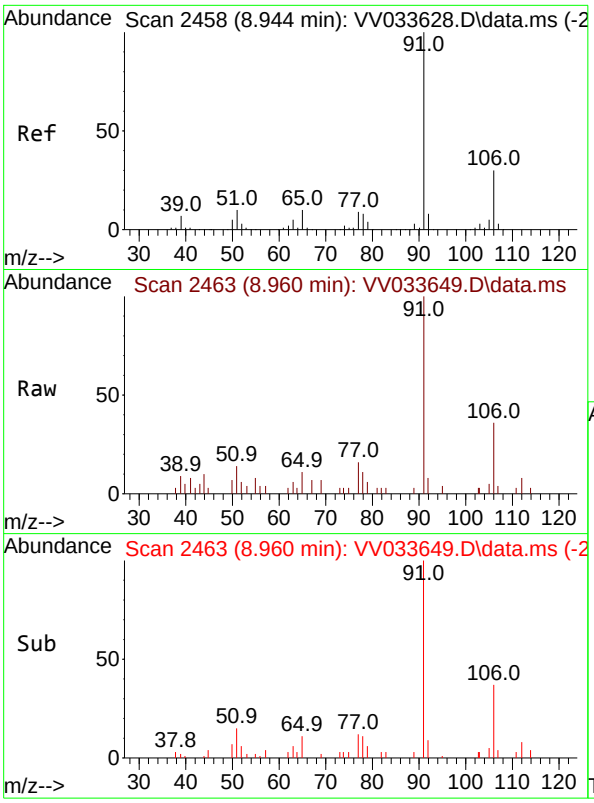


#51
Chlorobenzene
Concen: 36.453 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.010 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Tgt Ion:112 Resp: 879339

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.9	42.5
77	62.9	50.8	76.2



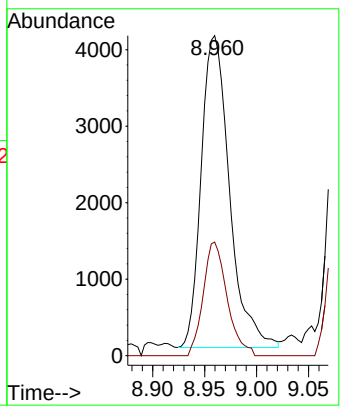


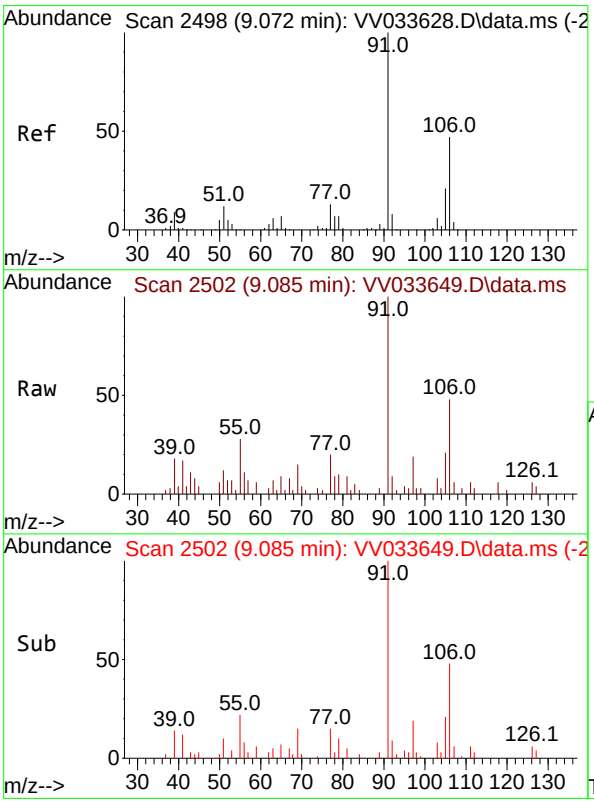
#52
Ethylbenzene
Concen: 0.170 ug/L
RT: 8.960 min Scan# 24
Delta R.T. 0.016 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tgt Ion: 91 Resp: 7739

Ion	Ratio	Lower	Upper
91	100		
106	35.5	20.6	38.4

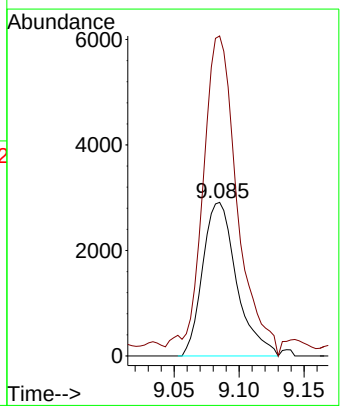


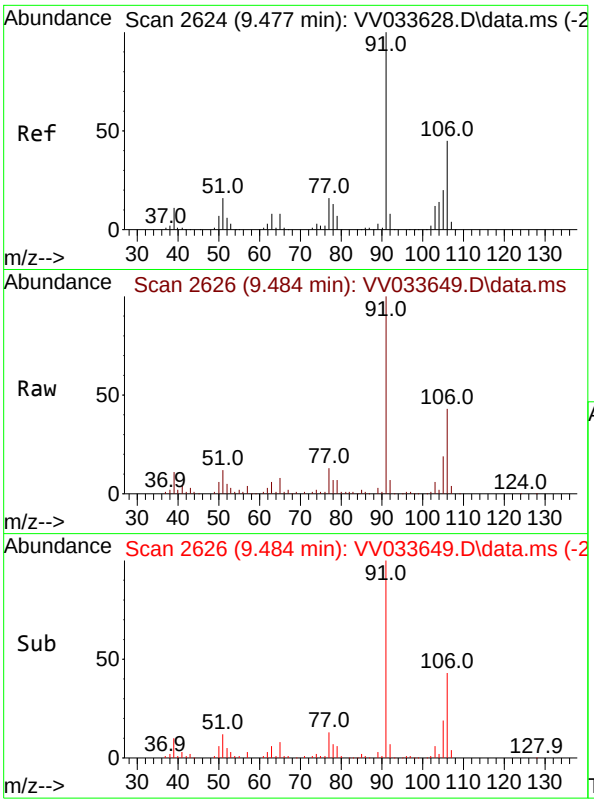


#53
m,p-Xylene
Concen: 0.315 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Tgt Ion:106 Resp: 5290

Ion	Ratio	Lower	Upper
106	100		
91	208.4	146.2	271.4



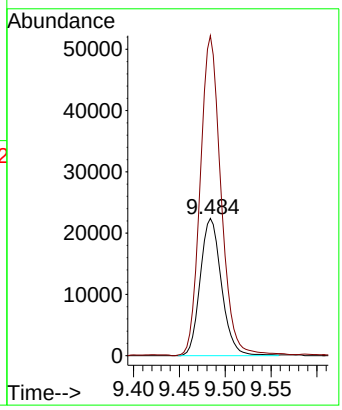


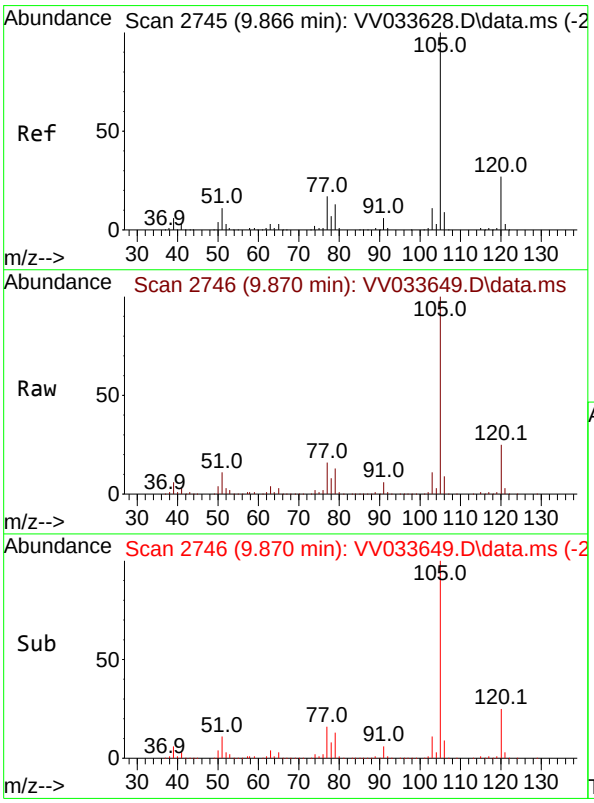
#54
o-Xylene
Concen: 2.207 ug/L
RT: 9.484 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tgt Ion:106 Resp: 36115

Ion	Ratio	Lower	Upper
106	100		
91	233.2	156.0	289.6

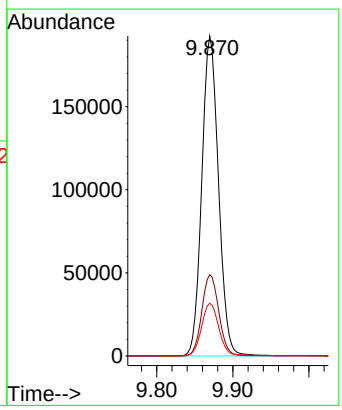


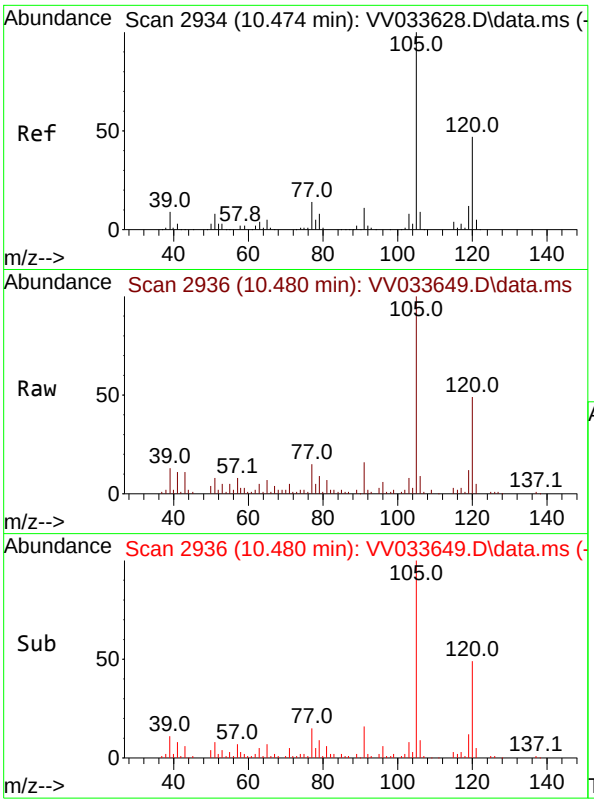


#60
Isopropylbenzene
Concen: 6.986 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.003 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Tgt Ion:105 Resp: 294289

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.0	31.6
77	16.8	13.4	20.0



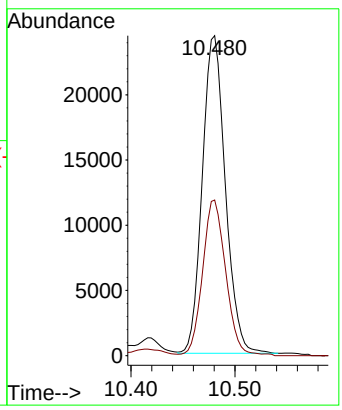


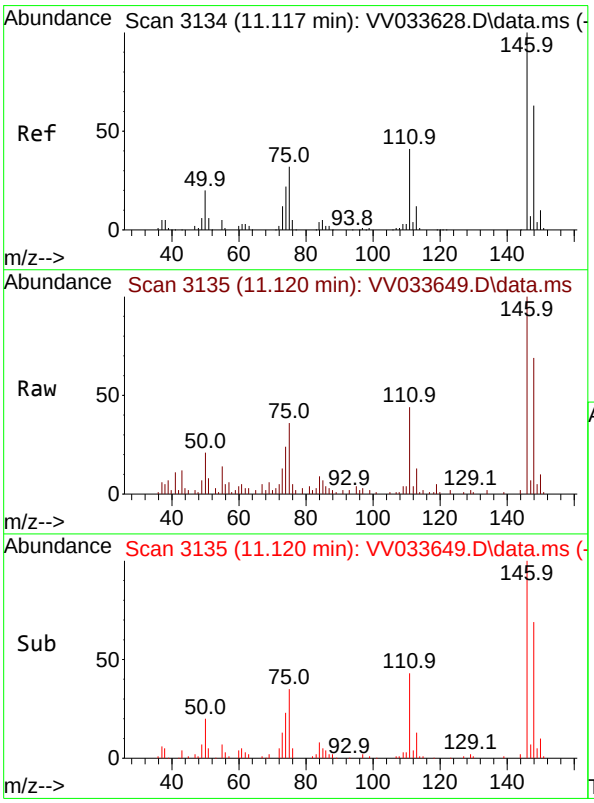
#62
1,3,5-Trimethylbenzene
Concen: 1.030 ug/L
RT: 10.480 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tgt Ion:105 Resp: 37488

Ion	Ratio	Lower	Upper
105	100		
120	49.3	38.3	57.5

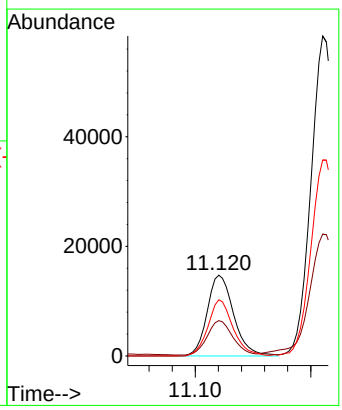


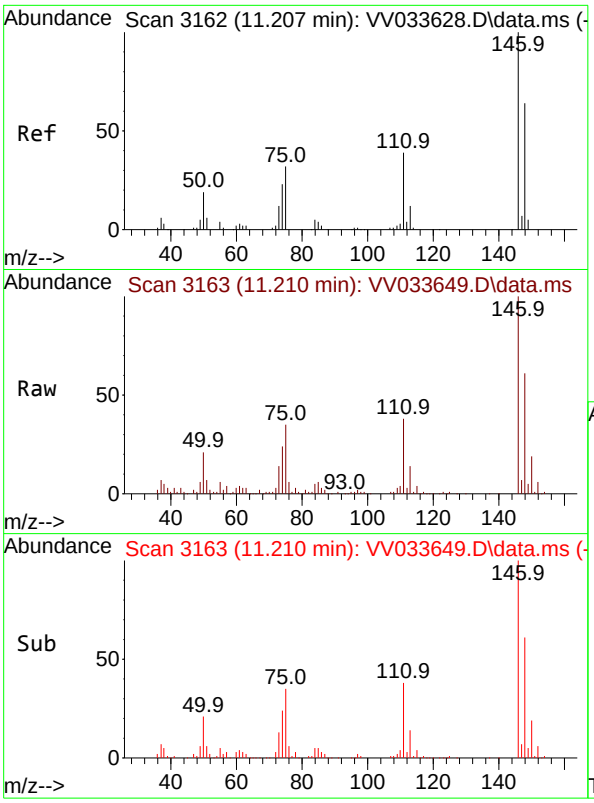


#64
1,3-Dichlorobenzene
Concen: 1.259 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Tgt Ion:146 Resp: 23455

Ion	Ratio	Lower	Upper
146	100		
111	43.8	29.2	54.2
148	69.4	44.1	81.9



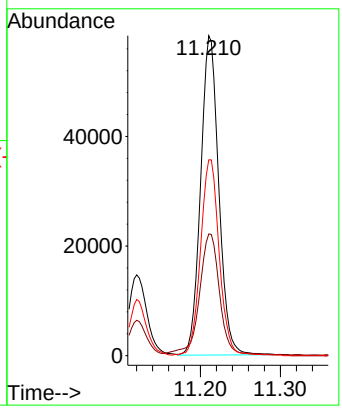


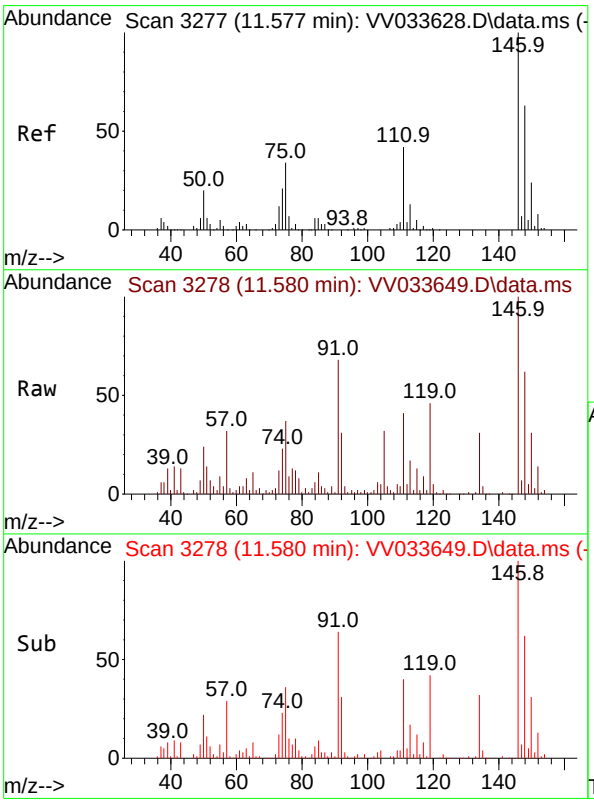
#65
1,4-Dichlorobenzene
Concen: 5.043 ug/L
RT: 11.210 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tgt Ion:146 Resp: 92001

Ion	Ratio	Lower	Upper
146	100		
111	38.1	27.5	51.1
148	61.2	43.3	80.5





#67
1,2-Dichlorobenzene
Concen: 3.968 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV033649.D
Acq: 15 Jan 2024 17:46

Tgt Ion:146 Resp: 64250

Ion	Ratio	Lower	Upper
146	100		
111	40.8	36.1	54.1
148	61.6	52.2	78.2