Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032280.D
Acq On : 06 Oct 2023 01:27
Operator : SY/MD
Sample : 04748-26
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX864

Quant Time: Oct 06 05:28:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 05:25:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	80862	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	70140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	30312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25809	3.924	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.400%			
7) Chloroethane-d5	1.532	69	24163	4.526	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.600%			
11) 1,1-Dichloroethene-d2	2.059	65	10103	3.643	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.800%			
20) 2-Butanone-d5	3.805	46	89890	54.033	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.060%			
24) Chloroform-d	4.252	84	50341	4.339	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
26) 1,2-Dichloroethane-d4	4.947	65	26703	4.859	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
32) Benzene-d6	4.966	84	90978	4.408	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	5.992	67	35773	5.231	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.600%			
41) Toluene-d8	7.246	98	75441	3.997	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.000%			
43) trans-1,3-Dichloroprop...	7.564	79	10136	4.183	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.600%			
46) 2-Hexanone-d5	8.030	63	66959	58.732	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.460%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	26023	5.441	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	26349	4.684	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
13) Acetone	2.133	43	13554	10.571	ug/L	97
14) Carbon disulfide	2.243	76	3742	0.180	ug/L #	94
18) trans-1,2-Dichloroethene	2.703	96	2506	0.369	ug/L	92
22) cis-1,2-Dichloroethene	3.821	96	1610	0.220	ug/L	90
29) 1,1,1-Trichloroethane	4.519	97	1721	0.180	ug/L	91
30) Cyclohexane	4.590	56	2286	0.218	ug/L #	54
33) Benzene	5.018	78	7173	0.290	ug/L	100
34) Trichloroethene	5.834	95	745789	110.629	ug/L	98
35) Methylcyclohexane	6.046	83	3324	0.319	ug/L #	87
42) Toluene	7.326	91	13420	0.510	ug/L	97
52) Ethylbenzene	8.963	91	2735	0.093	ug/L	100
53) m,p-Xylene	9.085	106	1998	0.184	ug/L	97
54) o-Xylene	9.490	106	1050	0.100	ug/L	76
63) 1,2,4-Trimethylbenzene	10.860	105	2151	0.113	ug/L	95

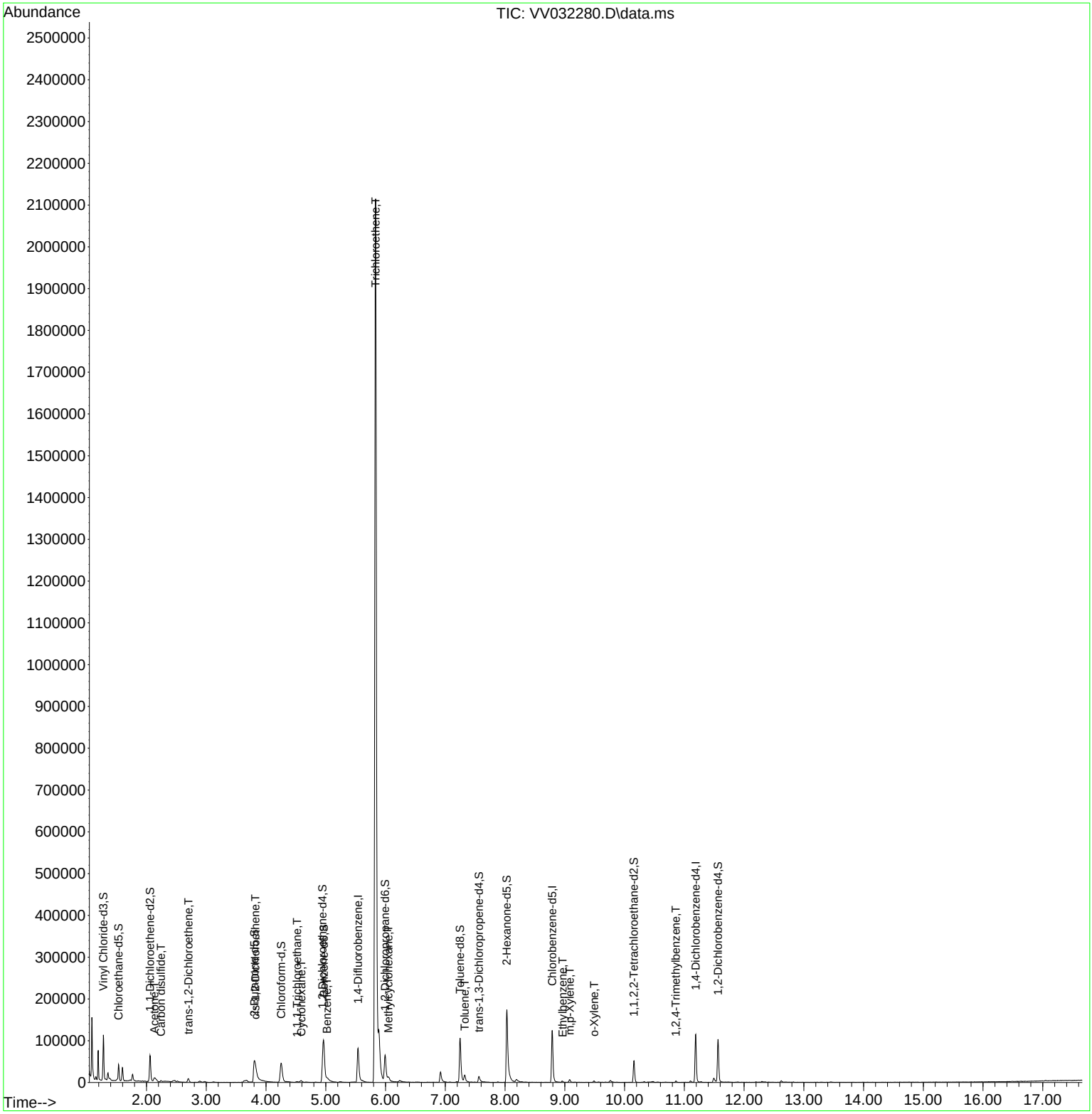
(#) = qualifier out of range (m) = manual integration (+) = signals summed

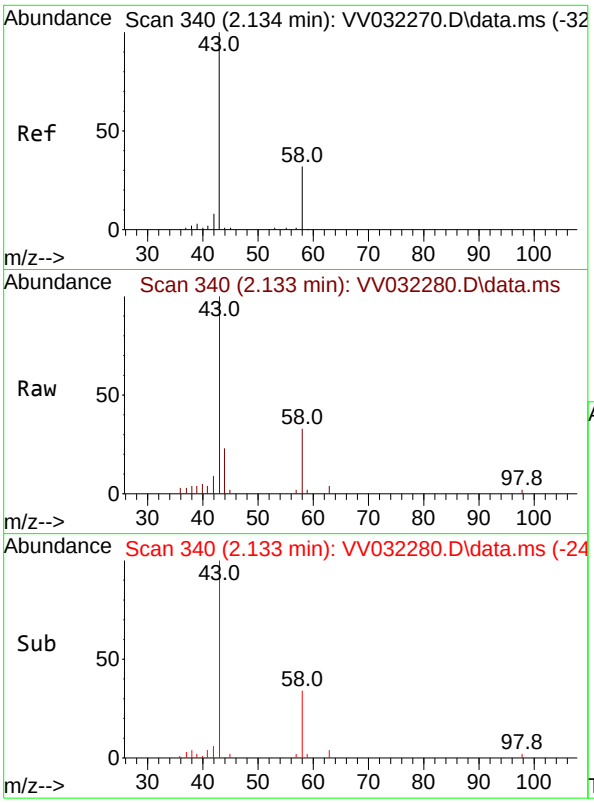
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032280.D
Acq On : 06 Oct 2023 01:27
Operator : SY/MD
Sample : 04748-26
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX864

Quant Time: Oct 06 05:28:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 05:25:10 2023
Response via : Initial Calibration



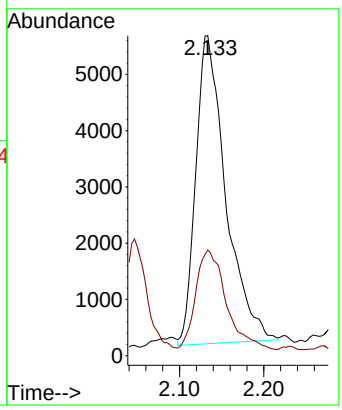


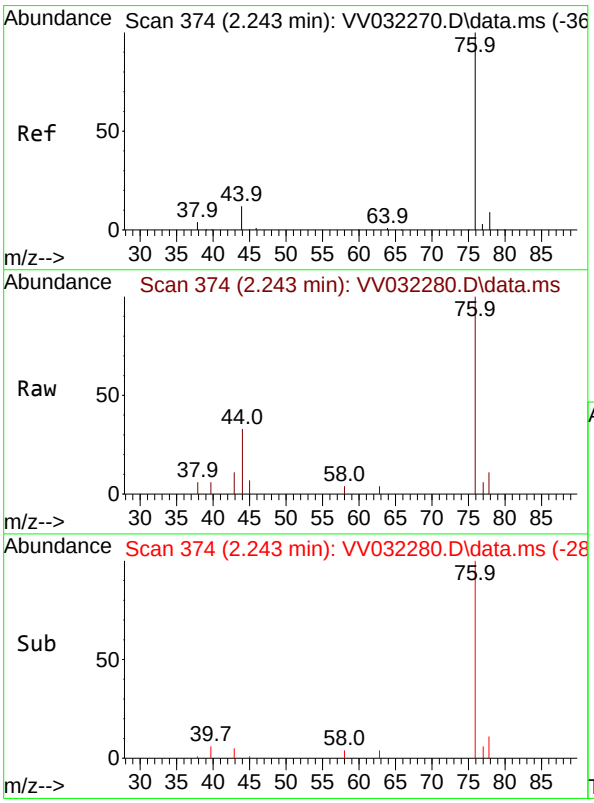
#13
Acetone
Concen: 10.571 ug/L
RT: 2.133 min Scan# 34
Delta R.T. -0.000 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Instrument :
MSVOA_V
ClientSampleId :
EX864

Tgt Ion: 43 Resp: 13554

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	66.0

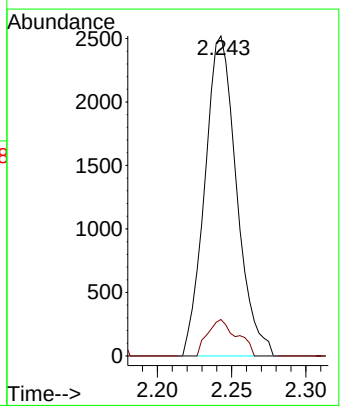


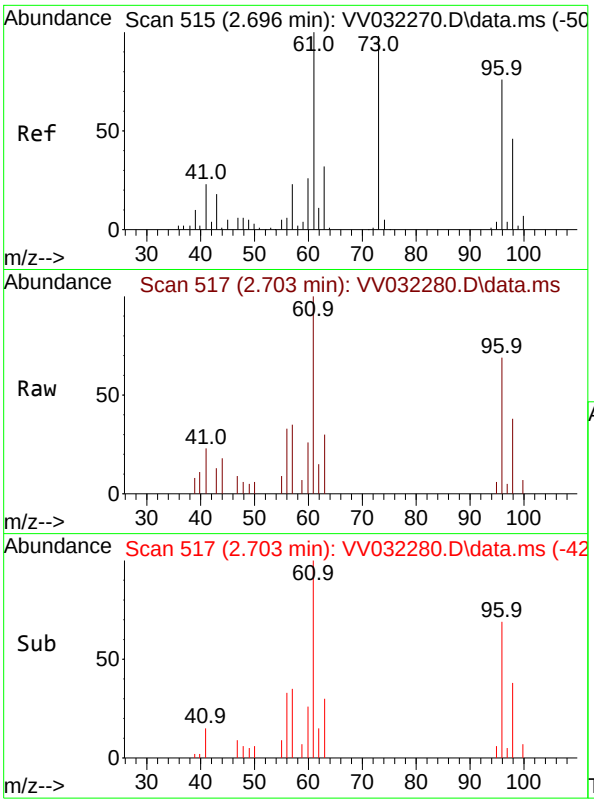


#14
Carbon disulfide
Concen: 0.180 ug/L
RT: 2.243 min Scan# 374
Delta R.T. -0.000 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Tgt Ion: 76 Resp: 3742

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.4	11.2#



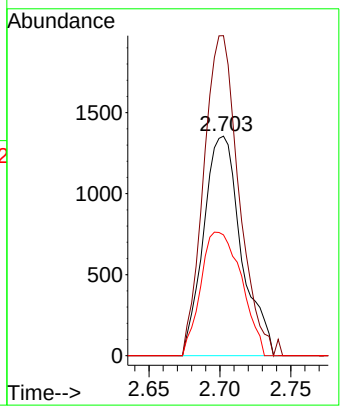


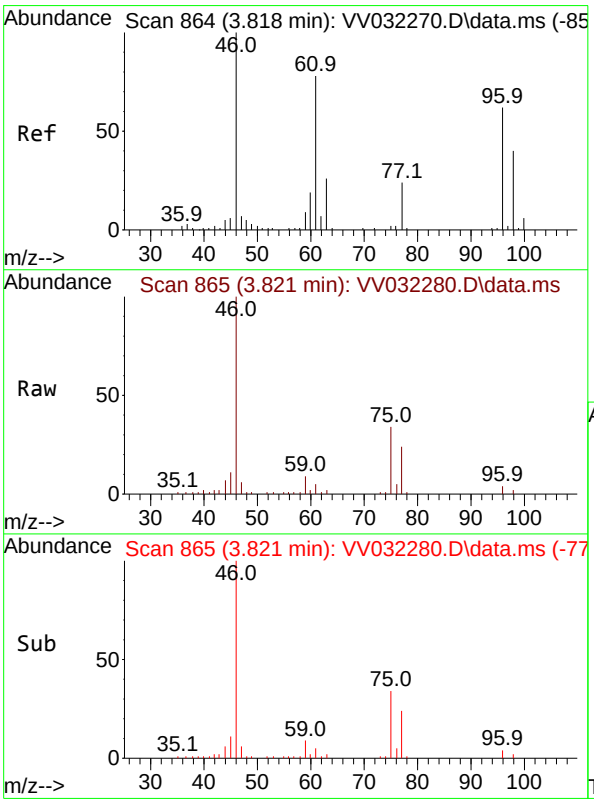
#18
trans-1,2-Dichloroethene
Concen: 0.369 ug/L
RT: 2.703 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Instrument :
MSVOA_V
ClientSampleId :
EX864

Tgt Ion: 96 Resp: 2506

Ion	Ratio	Lower	Upper
96	100		
61	145.8	96.9	180.1
98	55.1	45.3	84.1

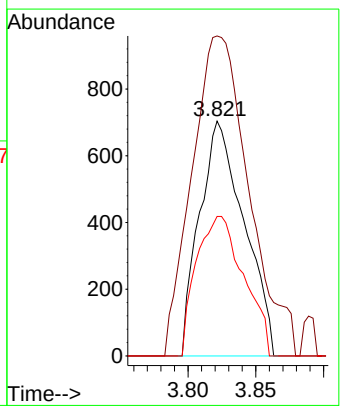


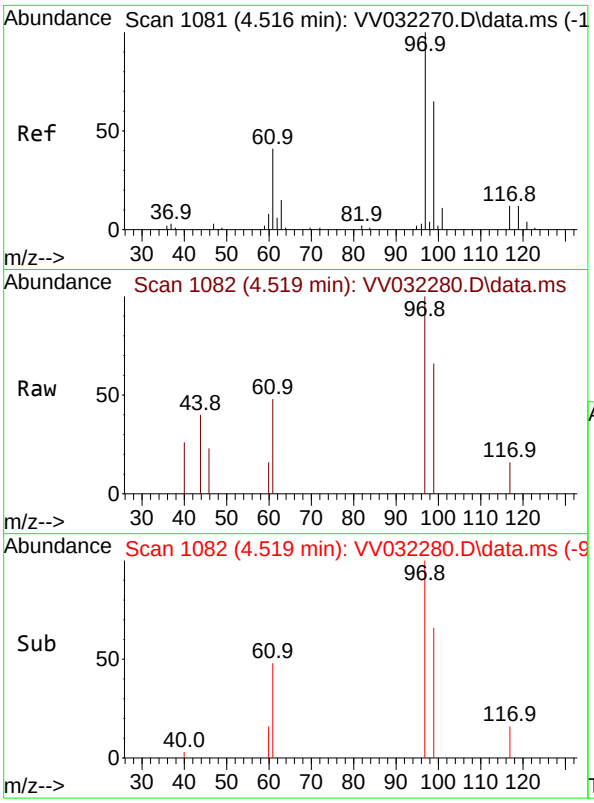


#22
cis-1,2-Dichloroethene
Concen: 0.220 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Tgt Ion: 96 Resp: 1610

Ion	Ratio	Lower	Upper
96	100		
61	136.2	85.8	159.4
98	59.4	44.0	81.6



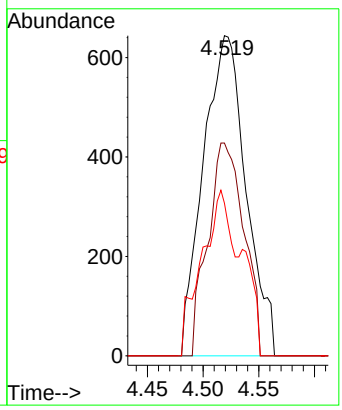


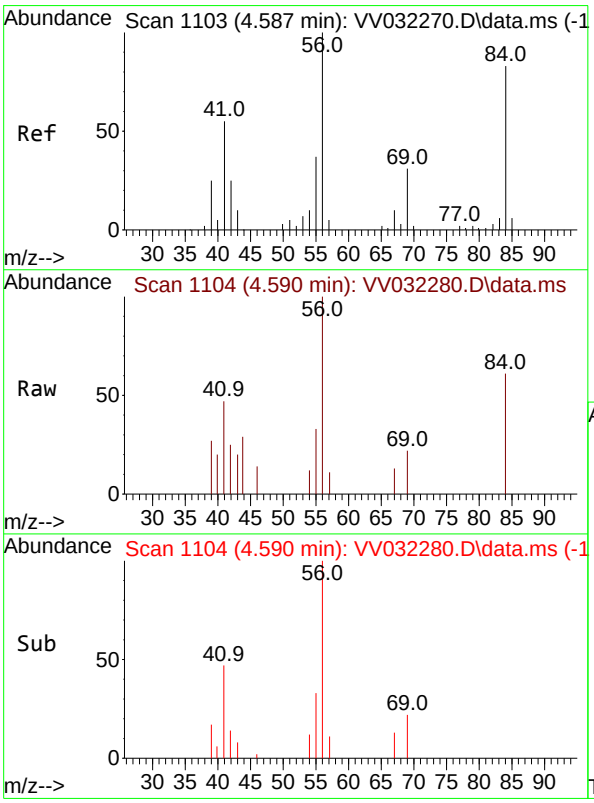
#29
1,1,1-Trichloroethane
Concen: 0.180 ug/L
RT: 4.519 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Instrument :
MSVOA_V
ClientSampleId :
EX864

Tgt Ion: 97 Resp: 1721

Ion	Ratio	Lower	Upper
97	100		
99	56.0	50.1	75.1
61	38.4	35.1	52.7

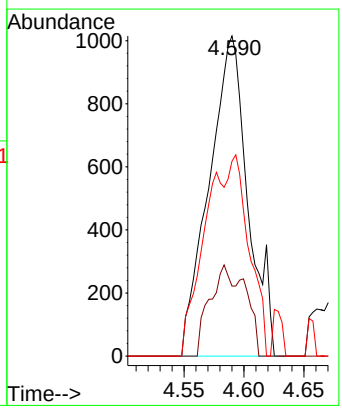


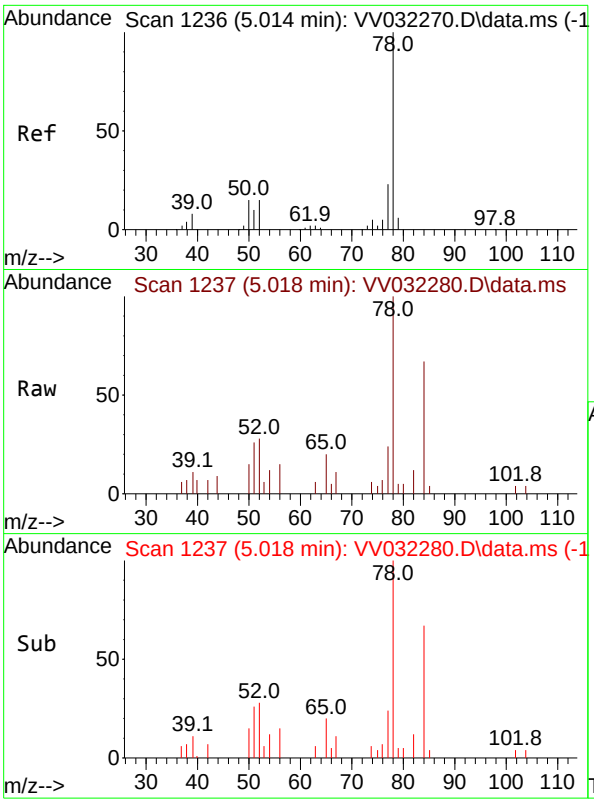


#30
Cyclohexane
Concen: 0.218 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. 0.003 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Tgt Ion: 56 Resp: 2286

Ion	Ratio	Lower	Upper
56	100		
69	17.7	24.2	36.2#
84	35.4	68.1	102.1#

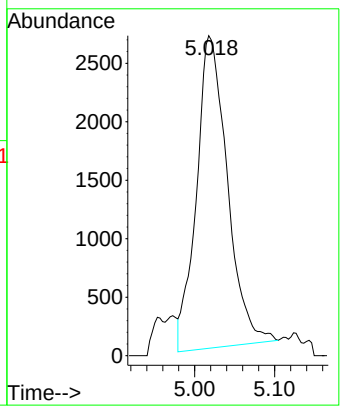


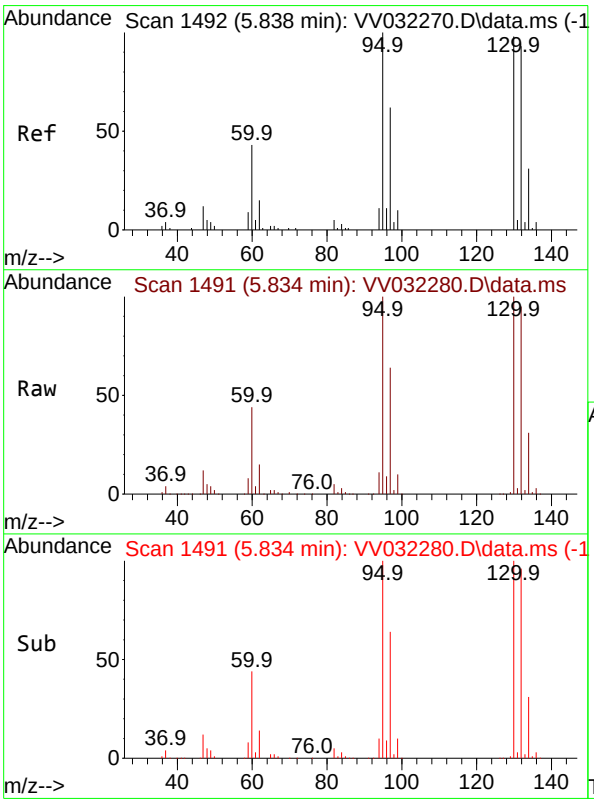


#33
Benzene
Concen: 0.290 ug/L
RT: 5.018 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Instrument :
MSVOA_V
ClientSampleId :
EX864

Tgt Ion: 78 Resp: 7173

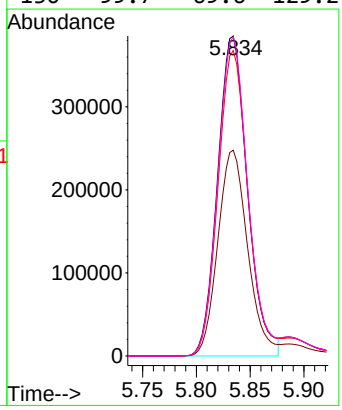


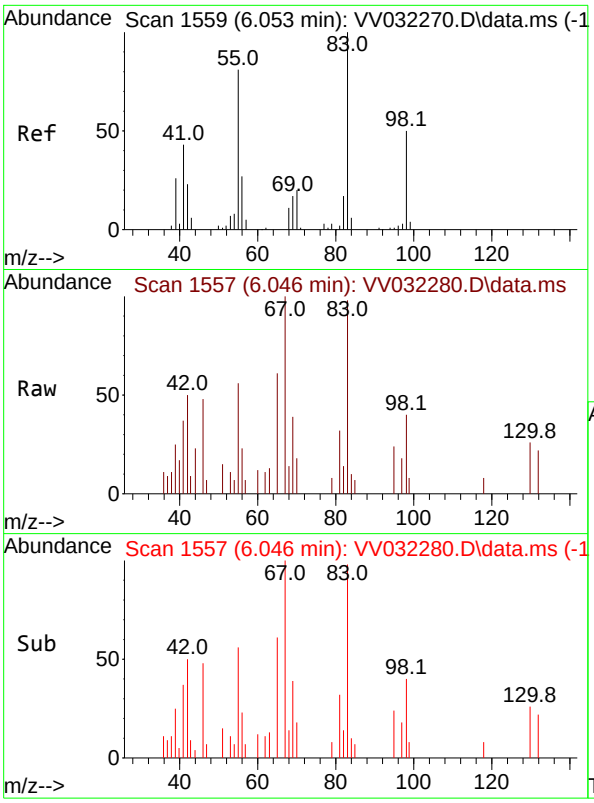


#34
Trichloroethene
Concen: 110.629 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Tgt Ion: 95 Resp: 745789

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.7	84.9
132	95.4	70.3	130.5
130	99.7	69.6	129.2



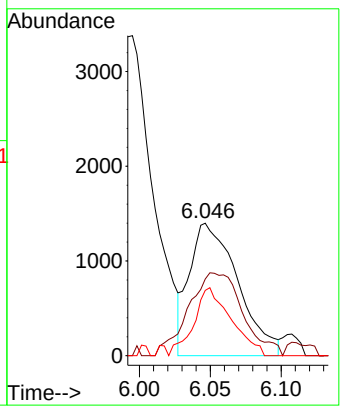


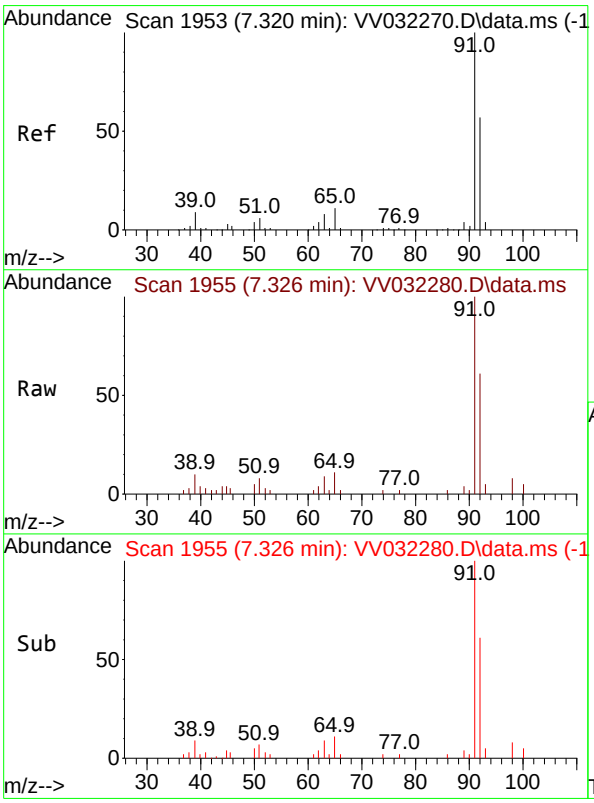
#35
Methylcyclohexane
Concen: 0.319 ug/L
RT: 6.046 min Scan# 1
Delta R.T. -0.007 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Instrument :
MSVOA_V
ClientSampleId :
EX864

Tgt Ion: 83 Resp: 3324

Ion	Ratio	Lower	Upper
83	100		
55	70.0	64.2	96.2
98	39.5	39.6	59.4#

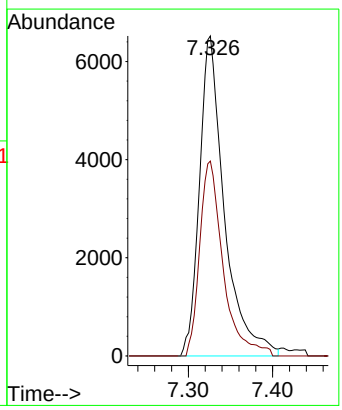


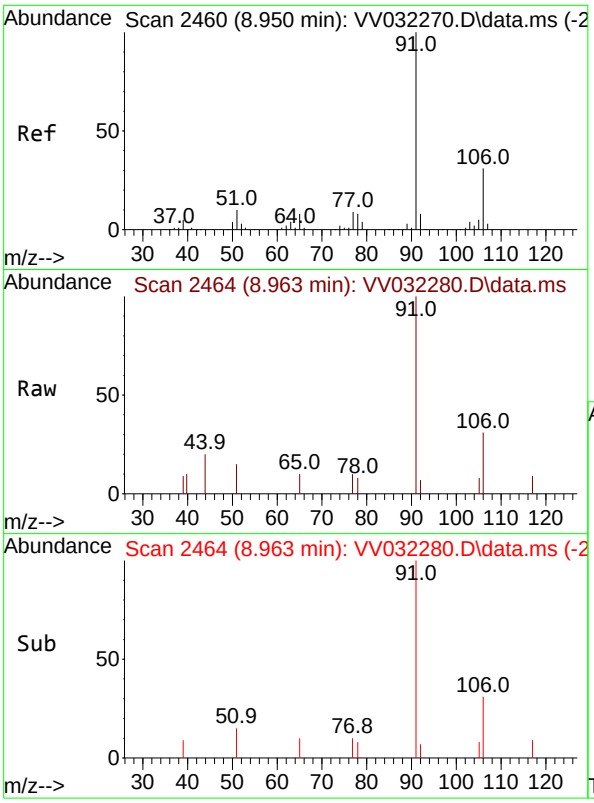


#42
Toluene
Concen: 0.510 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Tgt Ion: 91 Resp: 13420

Ion	Ratio	Lower	Upper
91	100		
92	60.9	40.8	75.8



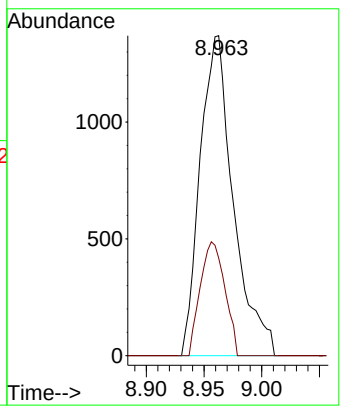


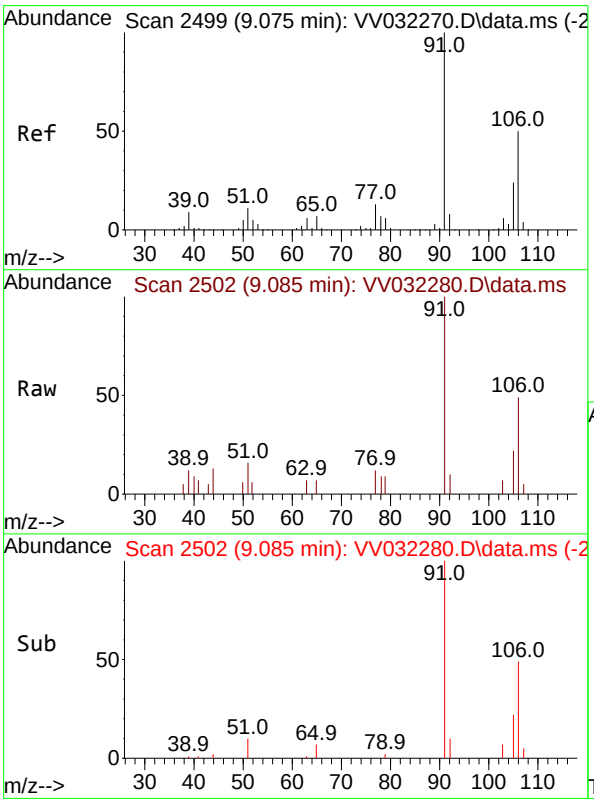
#52
Ethylbenzene
Concen: 0.093 ug/L
RT: 8.963 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Instrument :
MSVOA_V
ClientSampleId :
EX864

Tgt Ion: 91 Resp: 2735

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.3	39.5

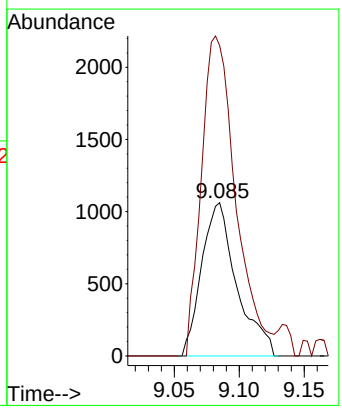


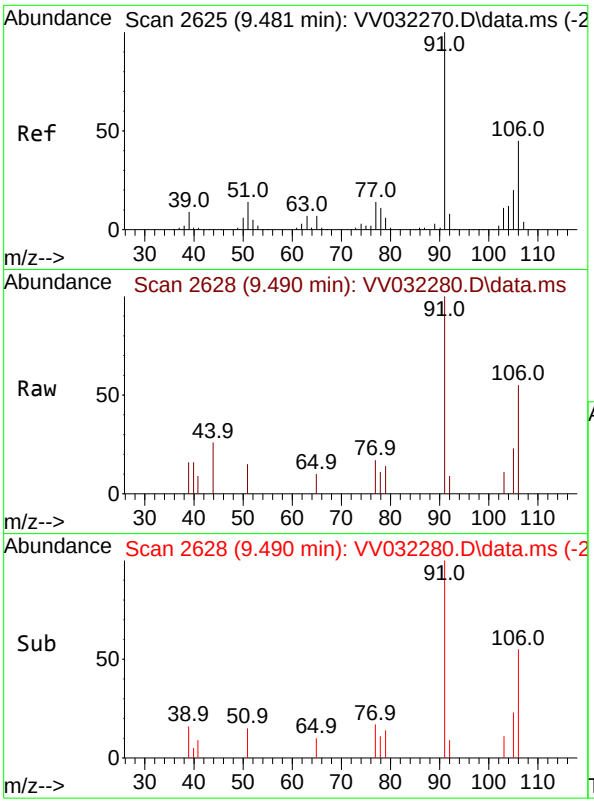


#53
m,p-Xylene
Concen: 0.184 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.009 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Tgt Ion:106 Resp: 1998

Ion	Ratio	Lower	Upper
106	100		
91	202.4	144.5	268.3



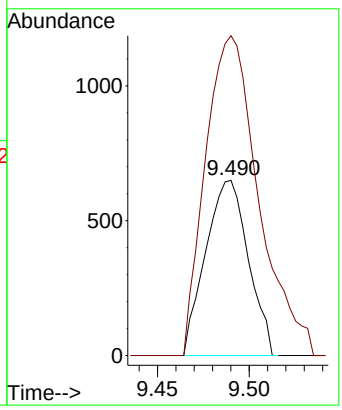


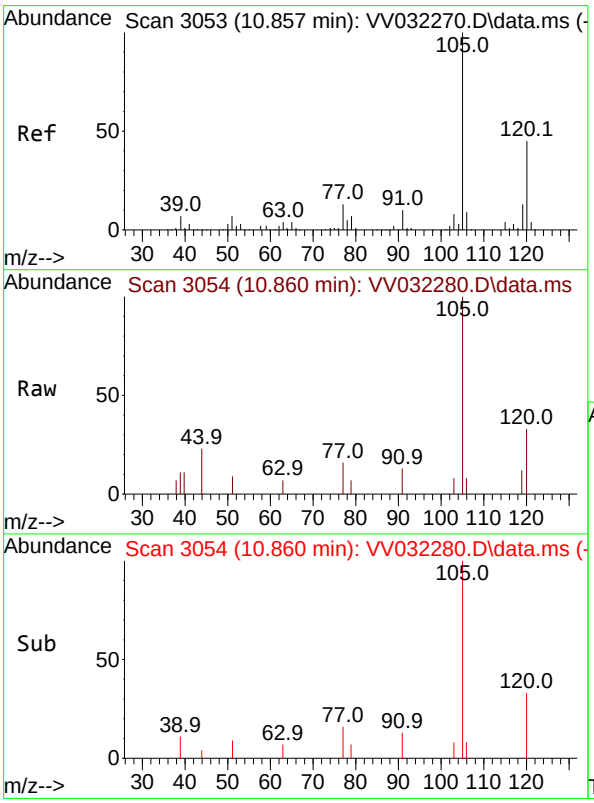
#54
o-Xylene
Concen: 0.100 ug/L
RT: 9.490 min Scan# 2
Delta R.T. 0.009 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Instrument :
MSVOA_V
ClientSampleId :
EX864

Tgt Ion:106 Resp: 1050

Ion	Ratio	Lower	Upper
106	100		
91	182.5	154.8	287.4





#63
1,2,4-Trimethylbenzene
Concen: 0.113 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV032280.D
Acq: 06 Oct 2023 01:27

Tgt Ion:105 Resp: 2151

Ion	Ratio	Lower	Upper
105	100		
120	41.9	36.2	54.4