Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032490.D
Acq On : 19 Oct 2023 12:27
Operator : SY/MD
Sample : 04944-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 20 06:21:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 06:17:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93305	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	105676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37657	4.962	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.200%			
7) Chloroethane-d5	1.532	69	32631	5.297	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.000%			
11) 1,1-Dichloroethene-d2	2.060	65	14387	4.496	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.000%			
20) 2-Butanone-d5	3.796	46	88662	46.187	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.380%			
24) Chloroform-d	4.252	84	62159	4.643	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	4.947	65	31966	5.041	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.800%			
32) Benzene-d6	4.963	84	125371	4.032	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.600%			
36) 1,2-Dichloropropane-d6	5.992	67	41510	4.029	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.600%			
41) Toluene-d8	7.246	98	111382	3.917	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	7.558	79	14470	3.964	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.200%			
46) 2-Hexanone-d5	8.027	63	74954	43.637	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.280%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33814	4.692	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	41874	4.872	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	17868	1.705	ug/L	100
13) Acetone	2.127	43	3460	2.339	ug/L	95
35) Methylcyclohexane	5.992	83	10088	0.642	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	5063	0.509	ug/L #	88
42) Toluene	7.323	91	16213	0.409	ug/L	92
52) Ethylbenzene	8.956	91	4436	0.100	ug/L	88
53) m,p-Xylene	9.079	106	5516	0.337	ug/L	86
54) o-Xylene	9.484	106	2038	0.129	ug/L	93
60) Isopropylbenzene	10.394	105	3622	0.101	ug/L	92
63) 1,2,4-Trimethylbenzene	10.860	105	3918	0.134	ug/L	99

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

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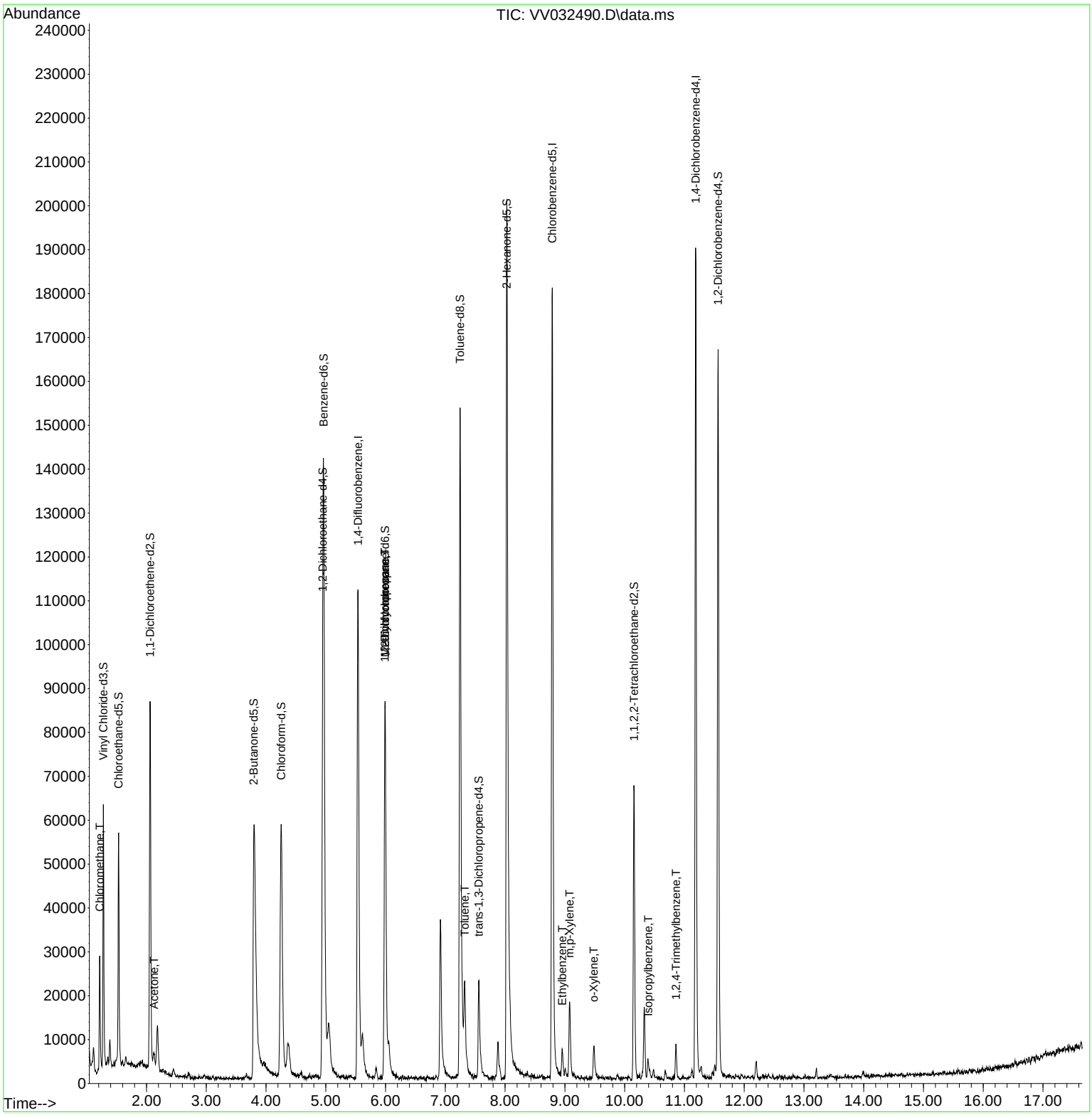
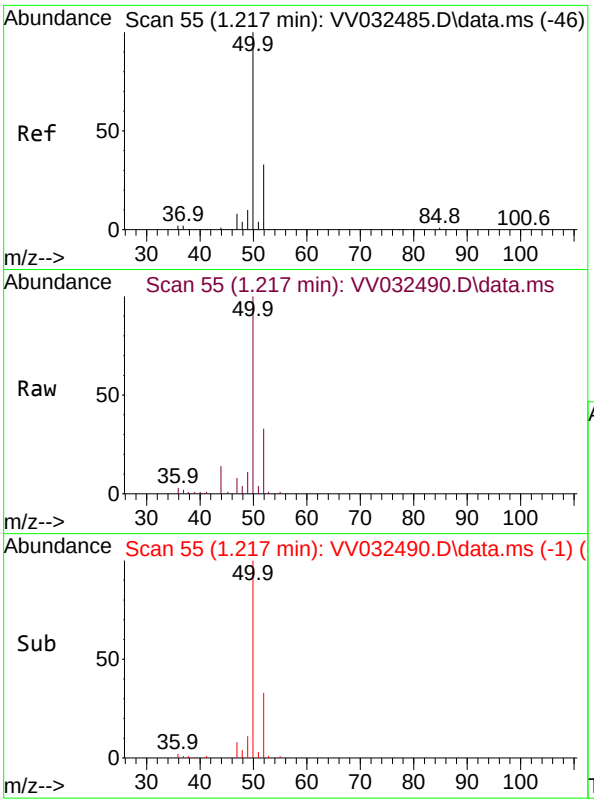
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 06:17:42 2023
Response via : Initial Calibration



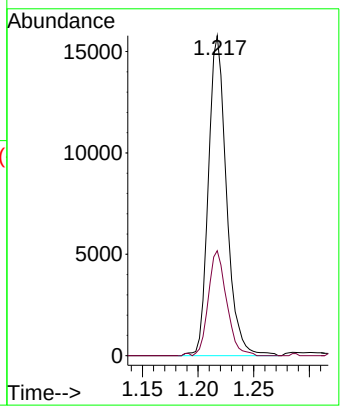


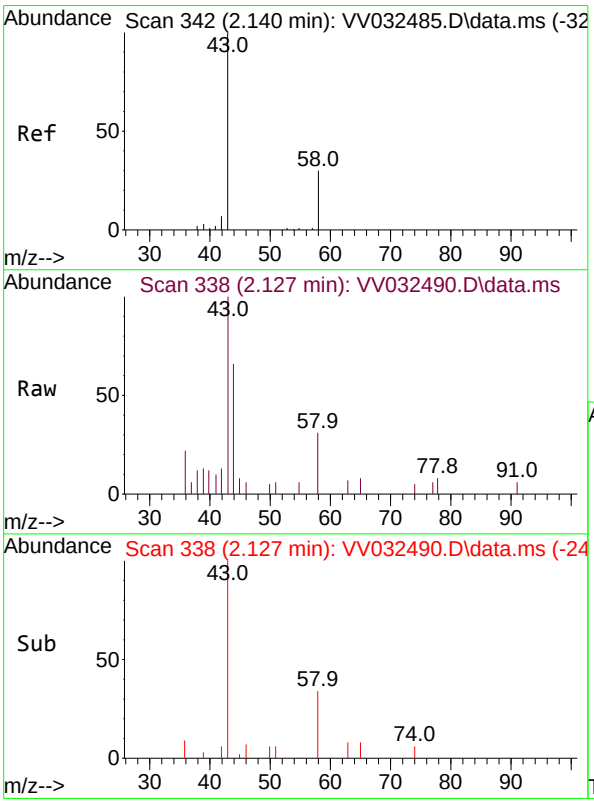
#3
Chloromethane
Concen: 1.705 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 17868

Ion	Ratio	Lower	Upper
50	100		
52	32.8	23.0	42.6

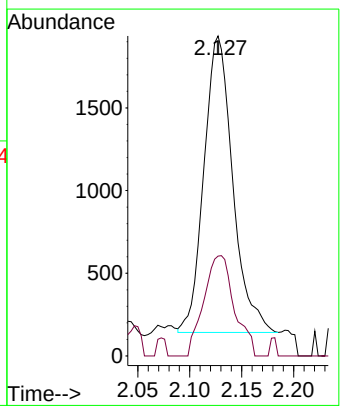


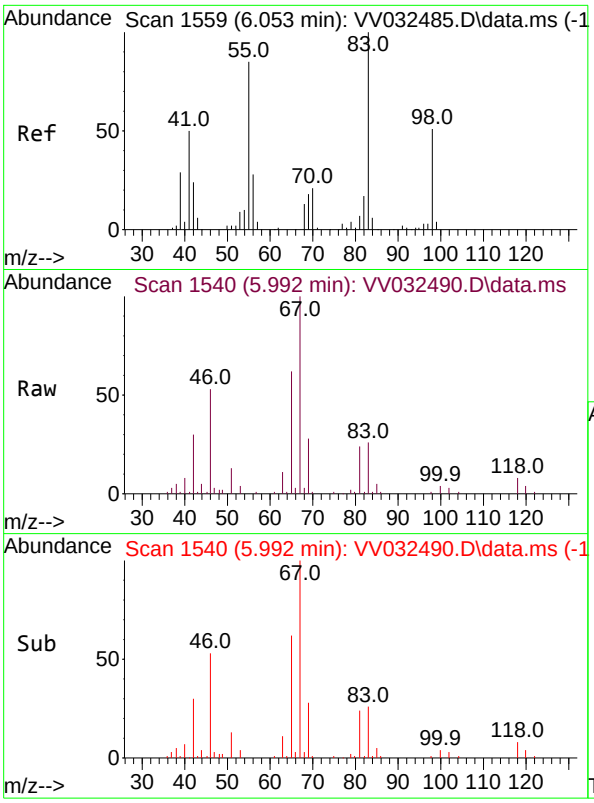


#13
Acetone
Concen: 2.339 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.013 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Tgt Ion: 43 Resp: 3460

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	66.0



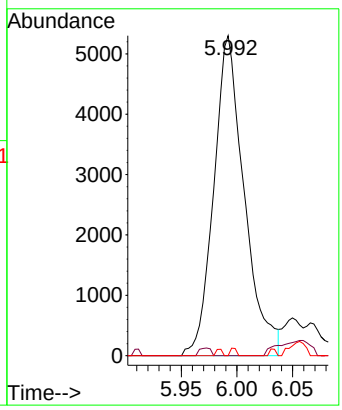


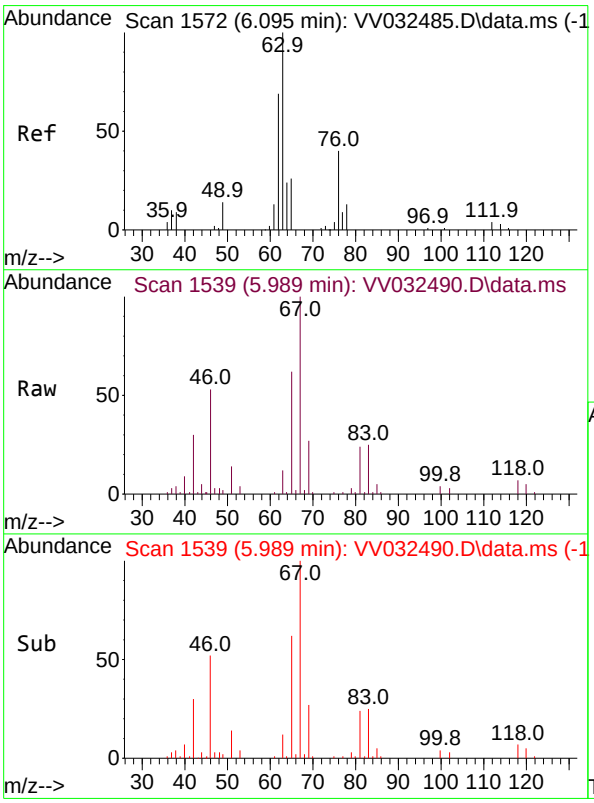
#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 5.992 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10088

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.2	96.2#
98	0.5	39.6	59.4#

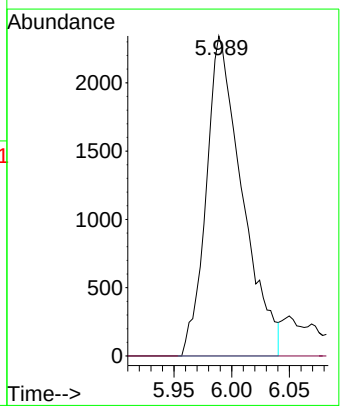


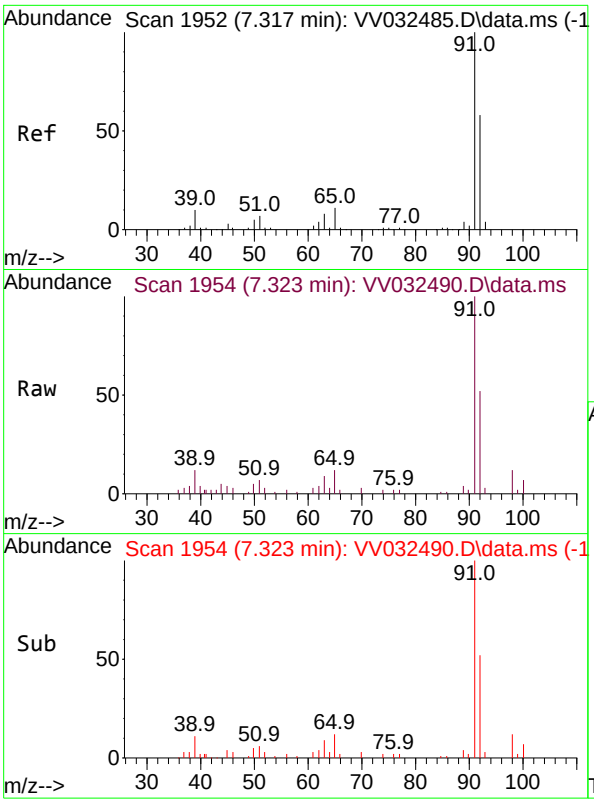


#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Tgt Ion: 63 Resp: 5063

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.4	5.2#



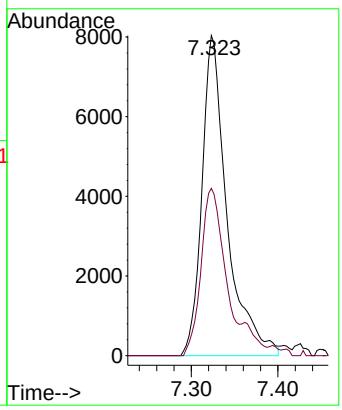


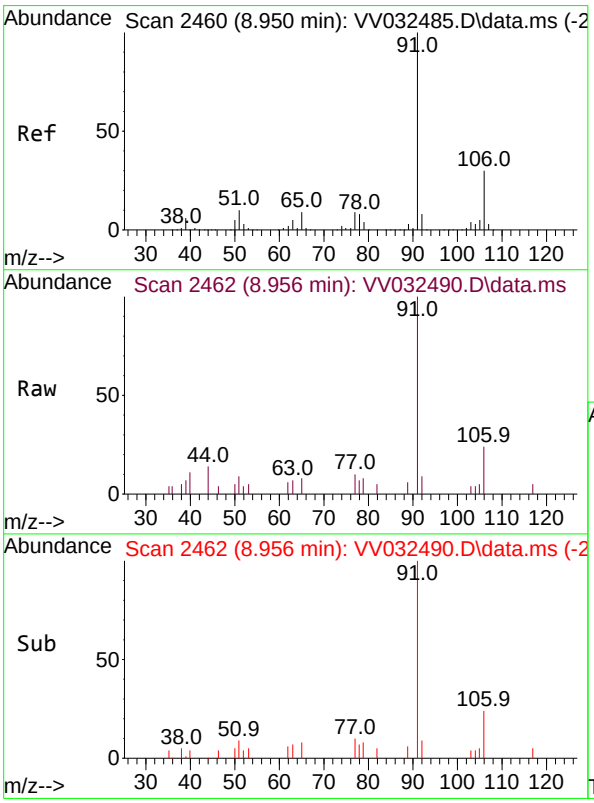
#42
Toluene
Concen: 0.409 ug/L
RT: 7.323 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 16213

Ion	Ratio	Lower	Upper
91	100		
92	52.3	40.8	75.8

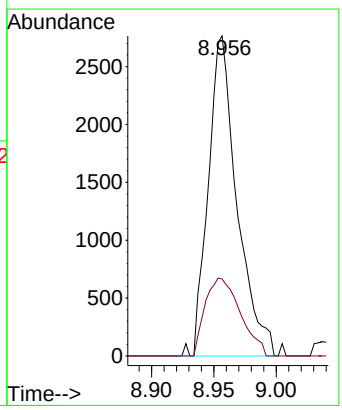


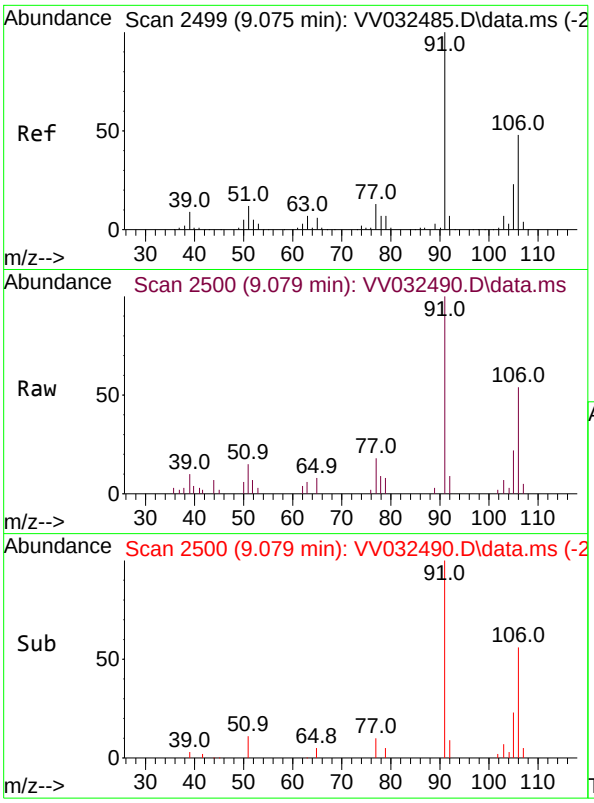


#52
Ethylbenzene
Concen: 0.100 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Tgt Ion: 91 Resp: 4436

Ion	Ratio	Lower	Upper
91	100		
106	24.1	21.3	39.5



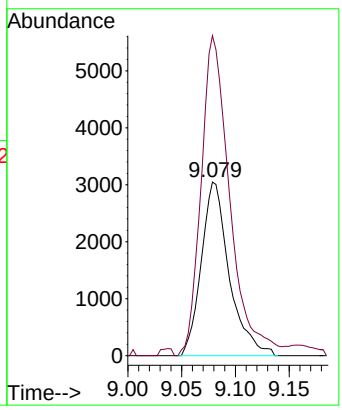


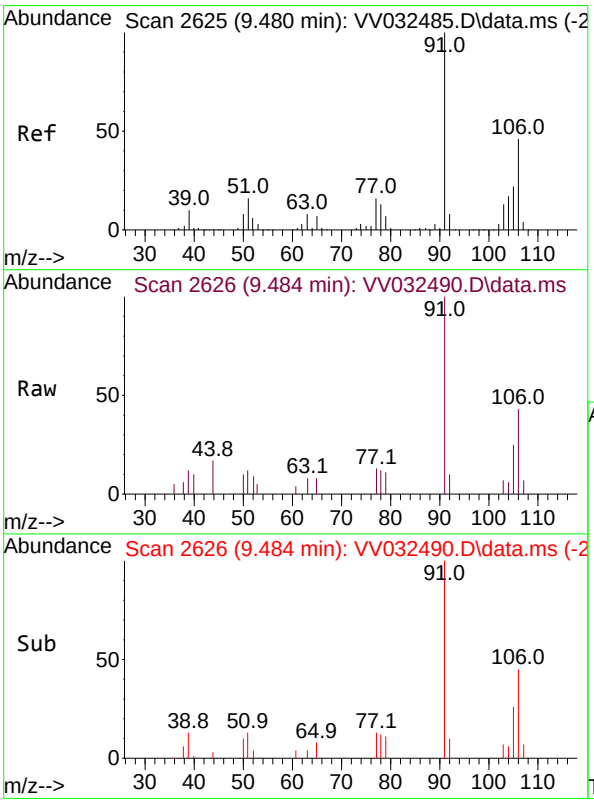
#53
m,p-Xylene
Concen: 0.337 ug/L
RT: 9.079 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 5516

Ion	Ratio	Lower	Upper
106	100		
91	184.3	144.5	268.3

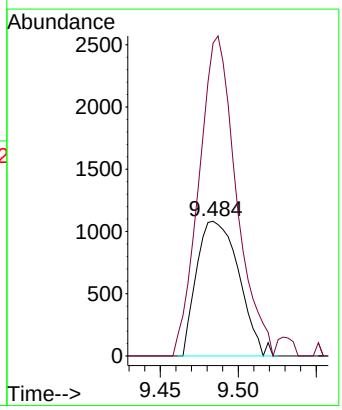


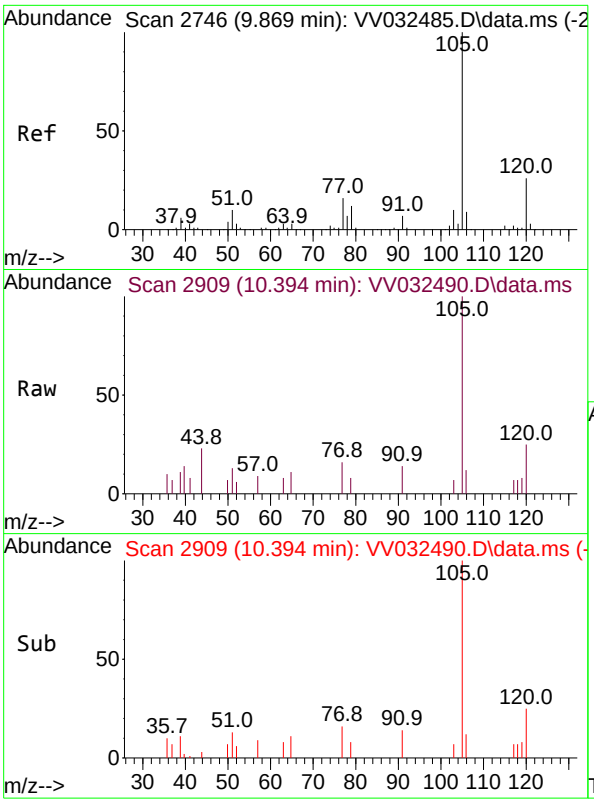


#54
o-Xylene
Concen: 0.129 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Tgt Ion:106 Resp: 2038

Ion	Ratio	Lower	Upper
106	100		
91	232.0	154.8	287.4



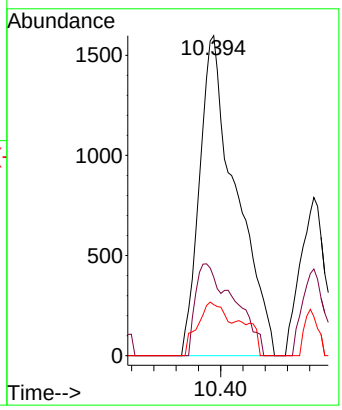


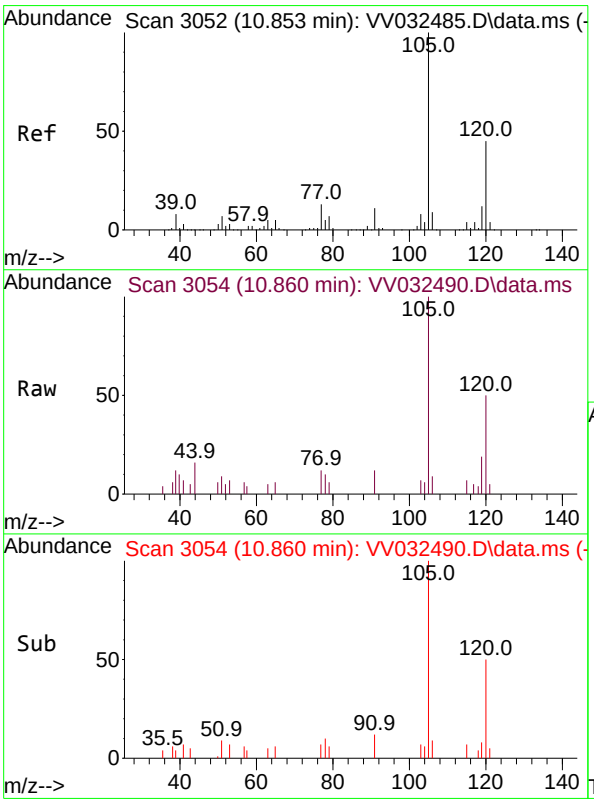
#60
Isopropylbenzene
Concen: 0.101 ug/L
RT: 10.394 min Scan# 2
Delta R.T. 0.524 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 3622

Ion	Ratio	Lower	Upper
105	100		
120	30.8	21.0	31.6
77	13.5	12.6	19.0





#63
1,2,4-Trimethylbenzene
Concen: 0.134 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.007 min
Lab File: VV032490.D
Acq: 19 Oct 2023 12:27

Tgt Ion:105 Resp: 3918

Ion	Ratio	Lower	Upper
105	100		
120	46.1	36.2	54.4