Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081123\
Data File : VV031794.D
Acq On : 11 Aug 2023 10:45
Operator : SY/MD
Sample : 03962-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 12 05:19:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 12 05:18:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	193637	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	212605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	99903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71001	4.140	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.800%			
7) Chloroethane-d5	1.532	69	77688	4.998	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.000%			
11) 1,1-Dichloroethene-d2	2.060	65	40439	4.595	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.000%			
20) 2-Butanone-d5	3.825	46	150389	34.328	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 68.660%			
24) Chloroform-d	4.256	84	191088	5.231	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	4.950	65	95699	5.129	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
32) Benzene-d6	4.966	84	306927	5.057	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
36) 1,2-Dichloropropane-d6	5.995	67	110710	4.922	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.400%			
41) Toluene-d8	7.249	98	243307	4.365	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.200%			
43) trans-1,3-Dichloroprop...	7.561	79	29858	4.202	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.000%			
46) 2-Hexanone-d5	8.034	63	141720	42.949	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.900%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	90088	5.458	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	112782	6.482	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 129.600%#			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3428	0.157	ug/L #	77
13) Acetone	2.146	43	10775	3.866	ug/L	93
33) Benzene	5.024	78	16736	0.310	ug/L	100
52) Ethylbenzene	8.960	91	12611	0.244	ug/L	100
53) m,p-Xylene	9.085	106	11455	0.599	ug/L	96
54) o-Xylene	9.487	106	2922	0.165	ug/L	98
60) Isopropylbenzene	9.870	105	78555	1.775	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	12904	1.453	ug/L #	62
63) 1,2,4-Trimethylbenzene	10.860	105	4352	0.122	ug/L	99
71) Naphthalene	13.445	128	290426	13.025	ug/L	100

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

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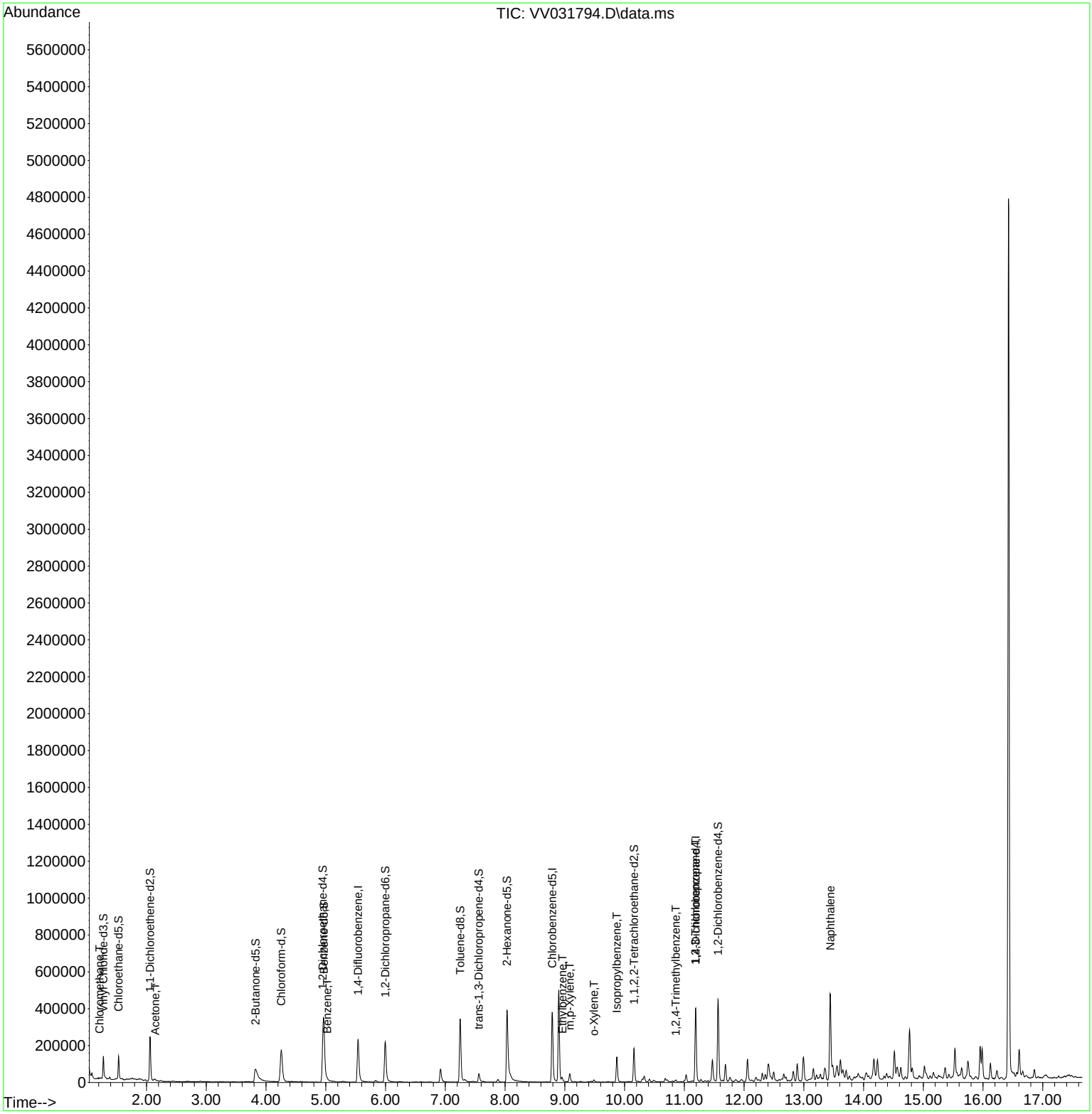
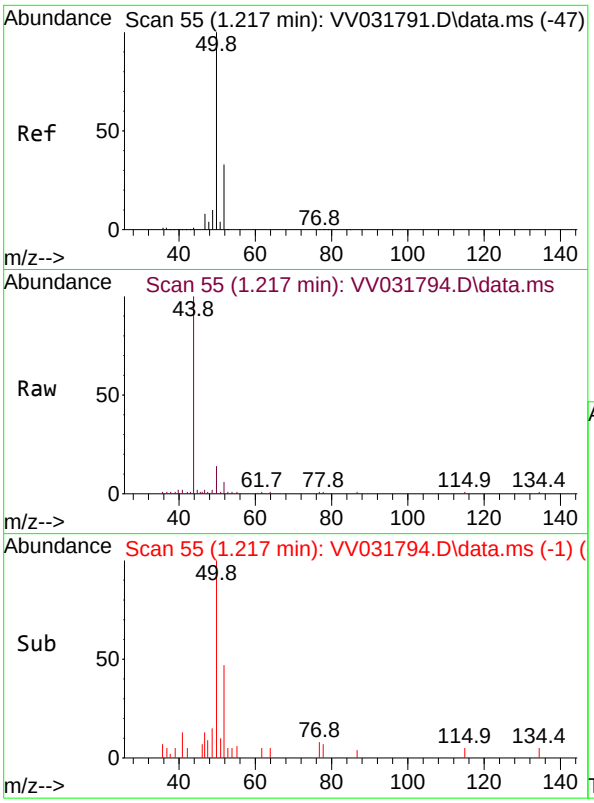
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 12 05:18:45 2023
Response via : Initial Calibration



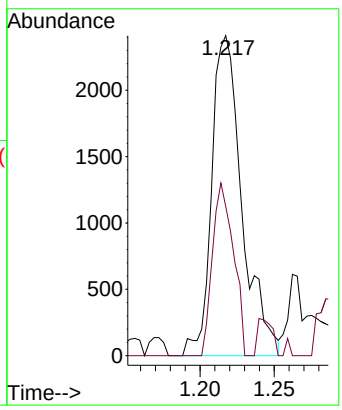


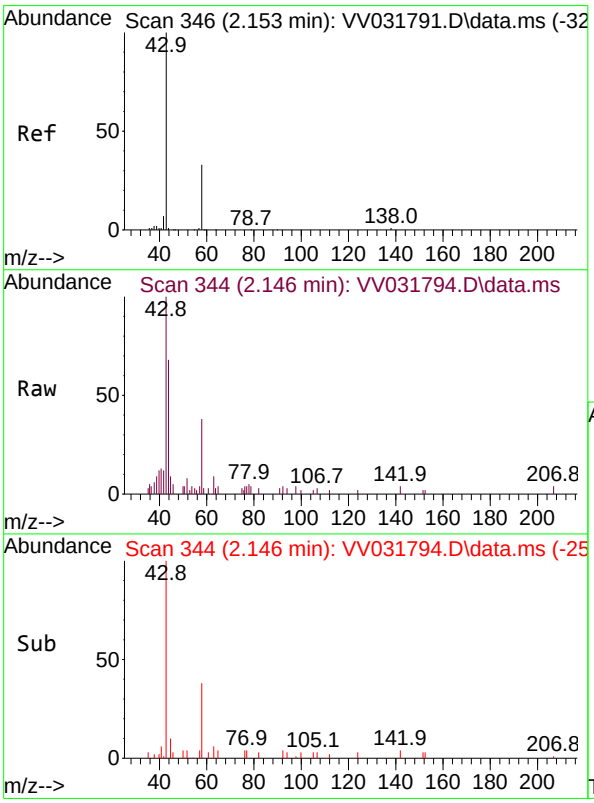
#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 3428

Ion	Ratio	Lower	Upper
50	100		
52	46.7	23.5	43.7#

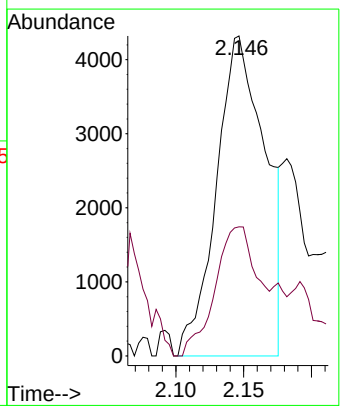


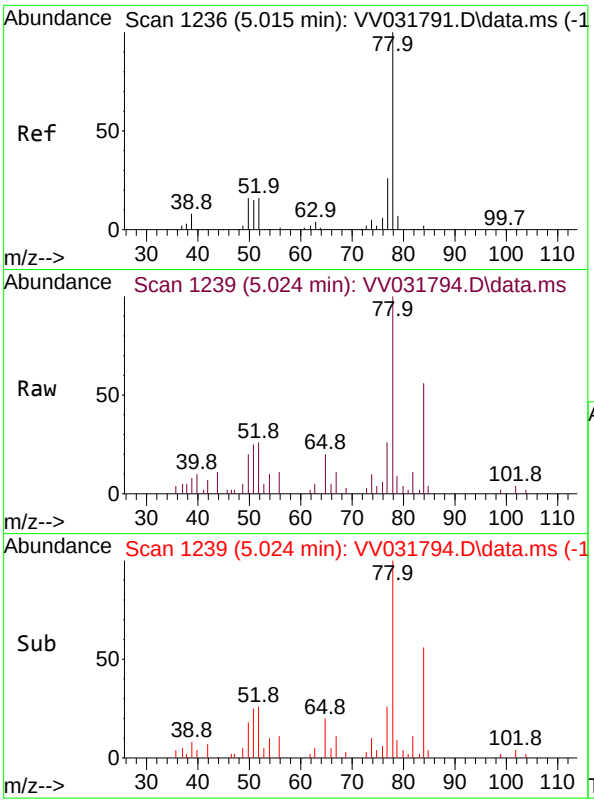


#13
Acetone
Concen: 3.866 ug/L
RT: 2.146 min Scan# 344
Delta R.T. -0.006 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion: 43 Resp: 10775

Ion	Ratio	Lower	Upper
43	100		
58	36.0	0.0	64.6

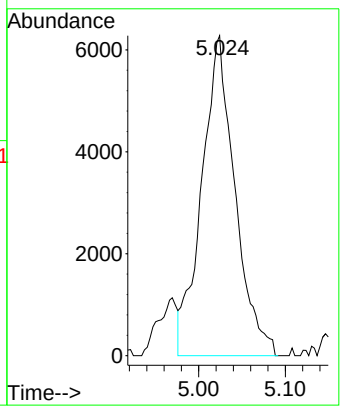


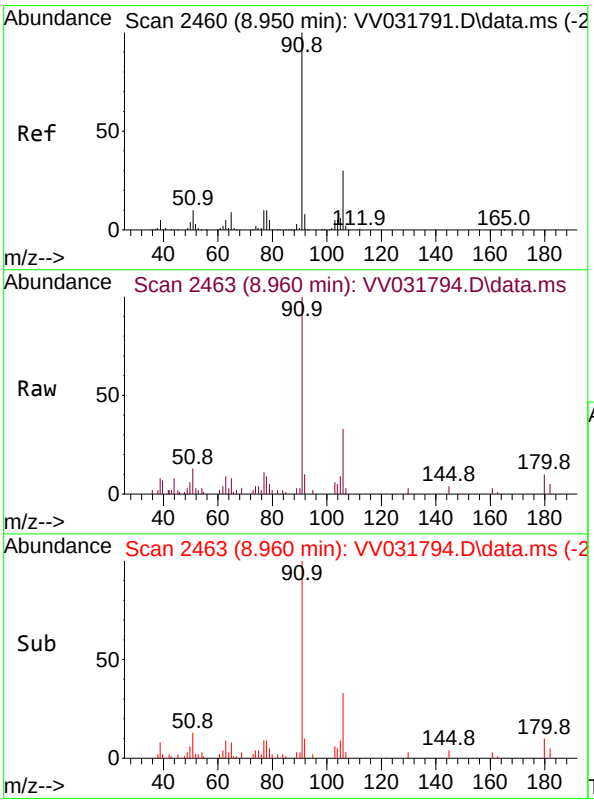


#33
Benzene
Concen: 0.310 ug/L
RT: 5.024 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 16736

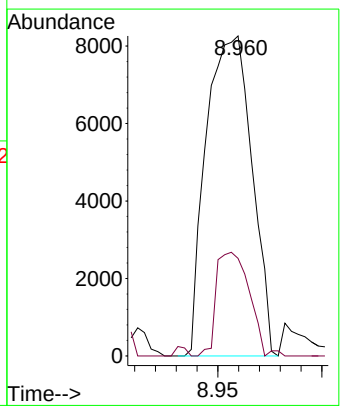


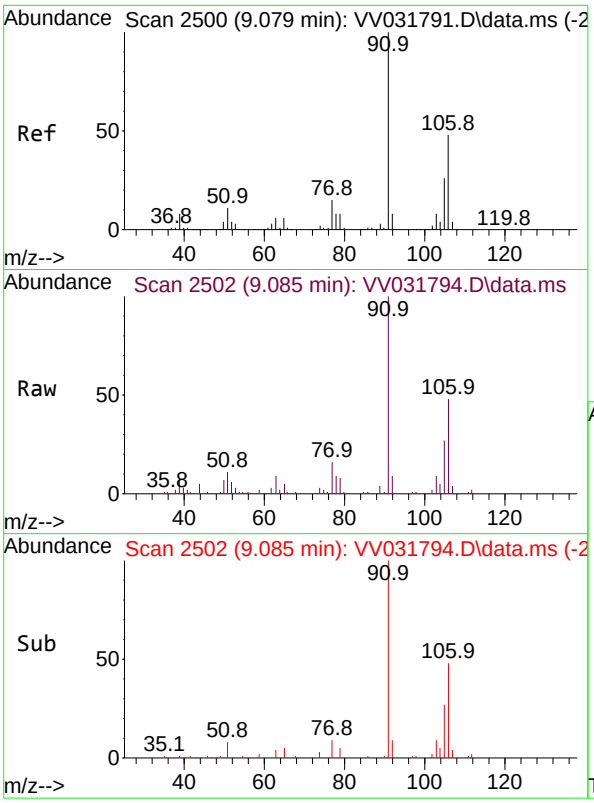


#52
Ethylbenzene
Concen: 0.244 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.010 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion: 91 Resp: 12611

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.2	39.4



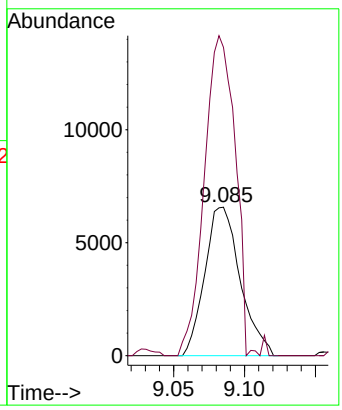


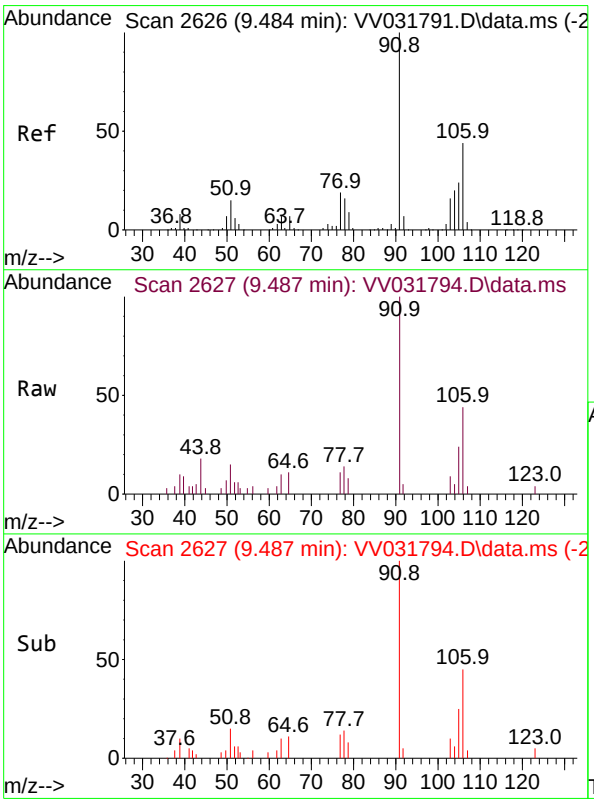
#53
m,p-Xylene
Concen: 0.599 ug/L
RT: 9.085 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 11455

Ion	Ratio	Lower	Upper
106	100		
91	207.7	149.9	278.3

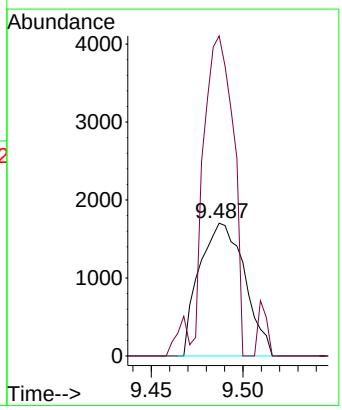


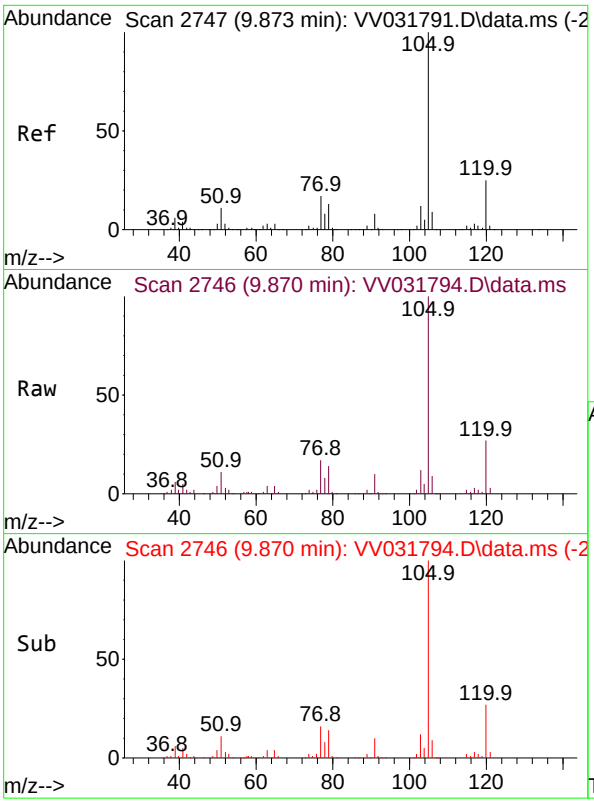


#54
o-Xylene
Concen: 0.165 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion:106 Resp: 2922

Ion	Ratio	Lower	Upper
106	100		
91	241.0	166.7	309.5



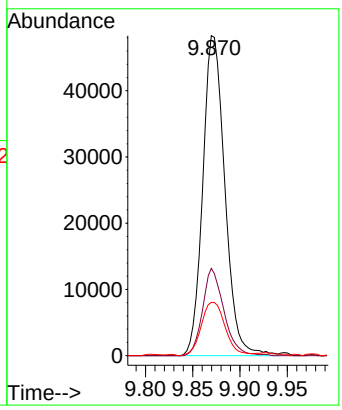


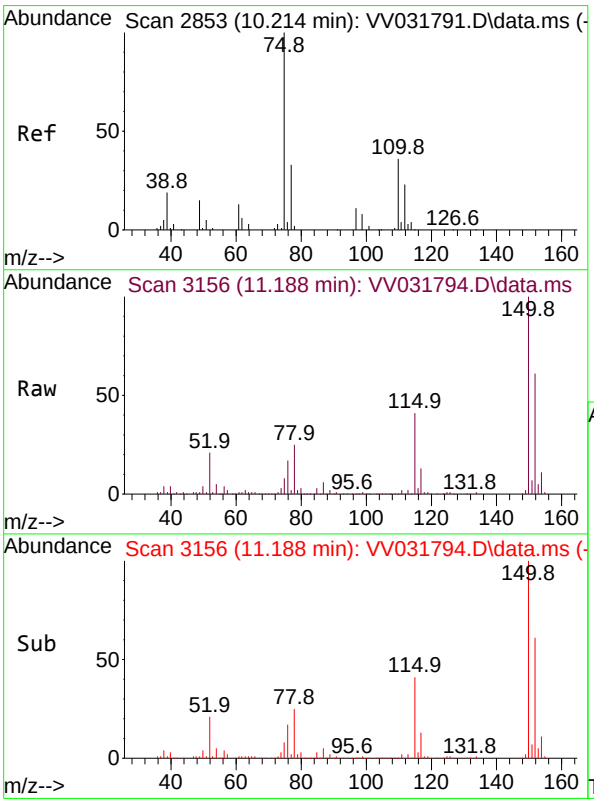
#60
Isopropylbenzene
Concen: 1.775 ug/L
RT: 9.870 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 78555

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.0	30.0
77	18.1	14.2	21.4

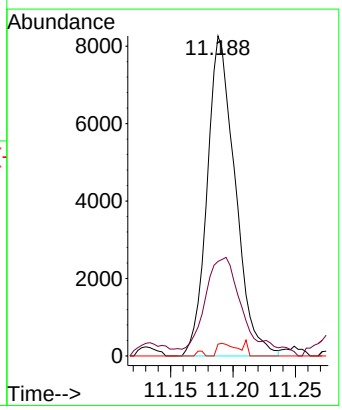


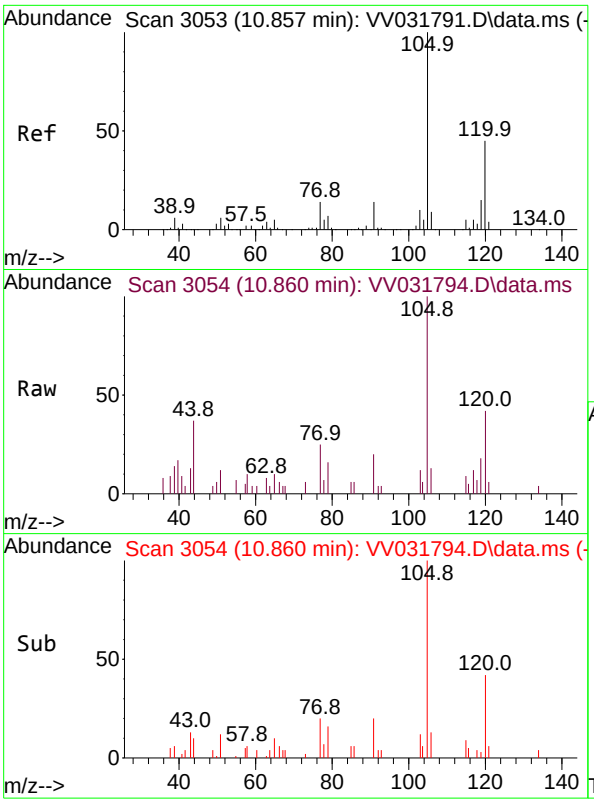


#61
1,2,3-Trichloropropane
Concen: 1.453 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion: 75 Resp: 12904

Ion	Ratio	Lower	Upper
75	100		
77	41.9	25.9	38.9#
110	2.6	28.6	42.8#



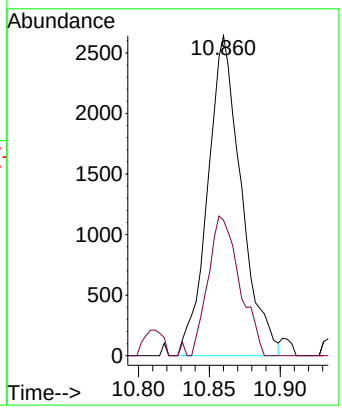


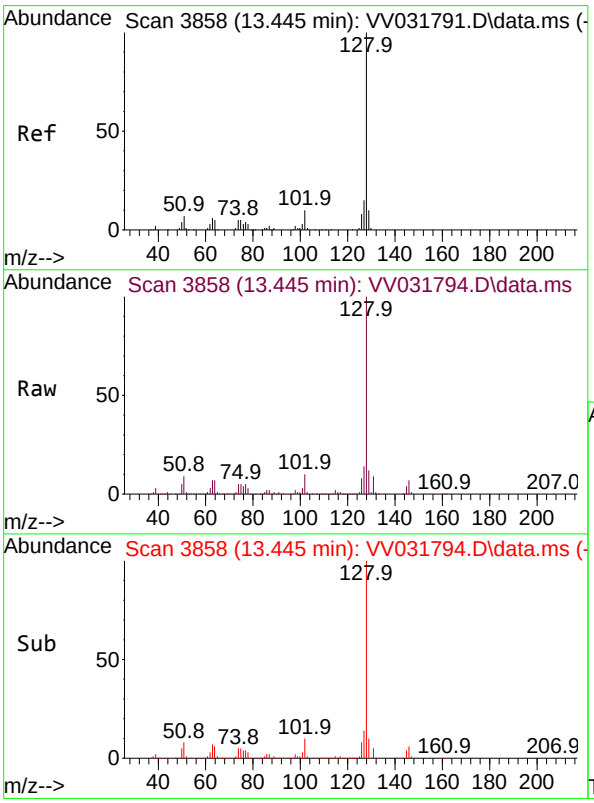
#63
1,2,4-Trimethylbenzene
Concen: 0.122 ug/L
RT: 10.860 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 4352

Ion	Ratio	Lower	Upper
105	100		
120	40.9	33.4	50.0





#71
Naphthalene
Concen: 13.025 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV031794.D
Acq: 11 Aug 2023 10:45

Tgt Ion:128 Resp: 290426

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	14.6	11.6	17.4