Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
Data File : VV028605.D
Acq On : 18 Oct 2022 11:11
Operator : SY/MD
Sample : N5163-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 00:36:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	212968	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	161464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	73536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	73067	3.987	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.800%			
7) Chloroethane-d5	1.558	69	69683	4.625	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.400%			
11) 1,1-Dichloroethene-d2	2.095	63	101586	3.060	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.200%			
20) 2-Butanone-d5	3.950	46	234937	59.625	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.260%			
24) Chloroform-d	4.336	84	144717	5.156	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.200%			
26) 1,2-Dichloroethane-d4	5.024	65	79289	5.420	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.400%			
32) Benzene-d6	5.031	84	290558	5.573	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.400%			
36) 1,2-Dichloropropane-d6	6.056	67	97539	5.797	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.000%			
41) Toluene-d8	7.301	98	191447	4.635	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
43) trans-1,3-Dichloroprop...	7.616	79	22260	3.916	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.400%			
46) 2-Hexanone-d5	8.104	63	115545	47.100	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.200%			
56) 1,1,2,2-Tetrachloroeth...	10.211	84	50731	5.063	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	11.616	152	61493	5.068	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.400%			
Target Compounds						Qvalue
3) Chloromethane	1.230	50	1416	0.070	ug/L #	34
14) Carbon disulfide	2.282	76	2589	0.070	ug/L #	41
25) Chloroform	4.359	83	2529	0.086	ug/L	81
33) Benzene	5.082	78	8761	0.154	ug/L	100
42) Toluene	7.375	91	97563	1.822	ug/L	95
52) Ethylbenzene	9.005	91	13322	0.224	ug/L	95
53) m,p-Xylene	9.130	106	19549	0.879	ug/L	95
54) o-Xylene	9.535	106	8861	0.411	ug/L	88
60) Isopropylbenzene	10.439	105	8949	0.167	ug/L	94
61) 1,2,3-Trichloropropane	10.362	75	412	0.063	ug/L #	58
62) 1,3,5-Trimethylbenzene	10.908	105	10247	0.635	ug/L	91
63) 1,2,4-Trimethylbenzene	10.908	105	10247	0.232	ug/L	95
71) Naphthalene	13.500	128	5132	0.271	ug/L	99

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

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Misc : 25.0mL/MSVOA_V/WATER
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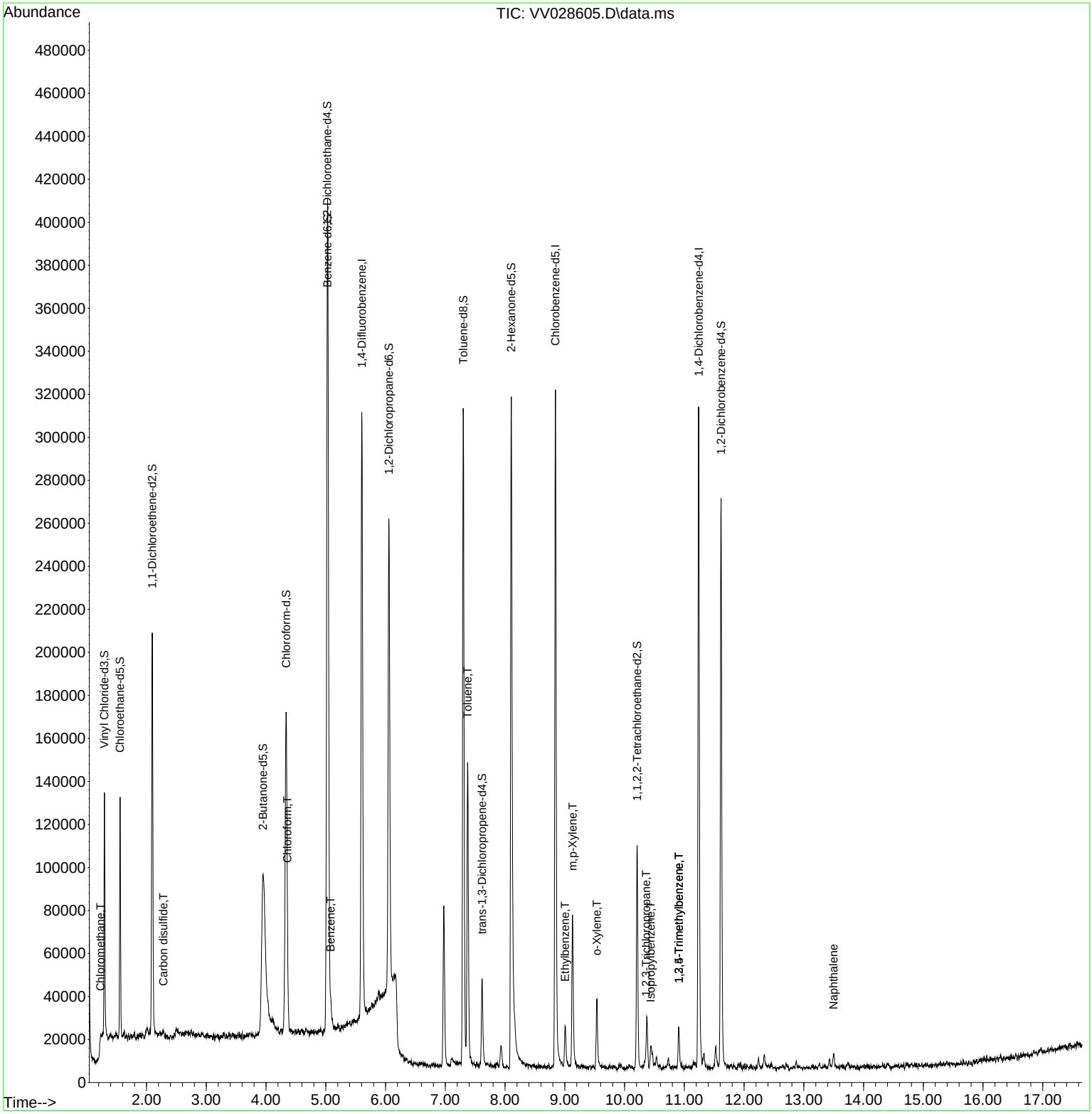
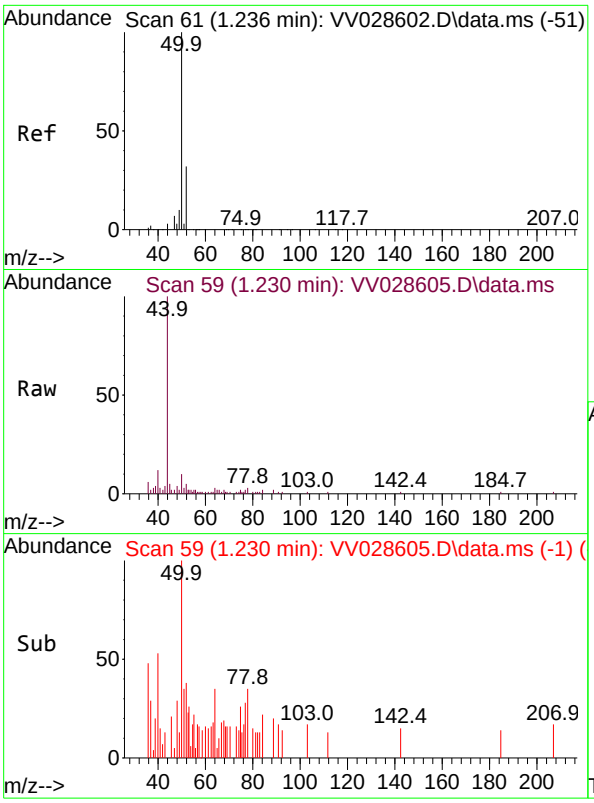
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 00:36:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration



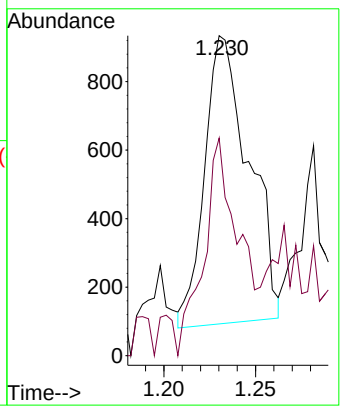


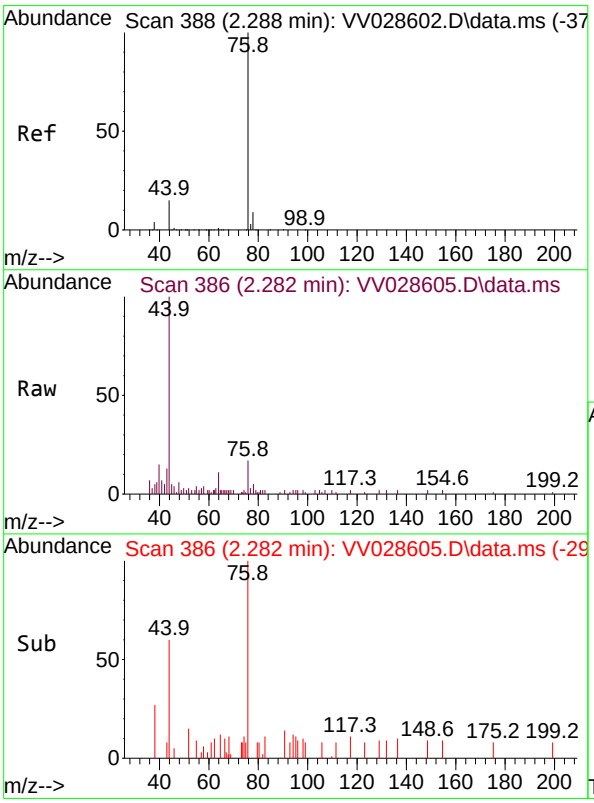
#3
Chloromethane
Concen: 0.070 ug/L
RT: 1.230 min Scan# 5
Delta R.T. -0.006 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1416

Ion	Ratio	Lower	Upper
50	100		
52	68.0	22.0	41.0#

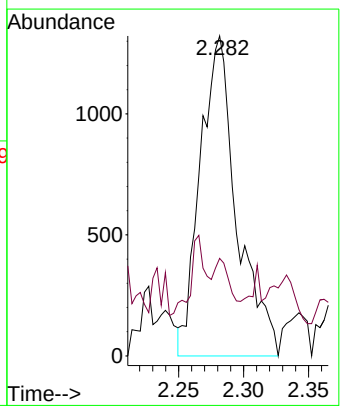


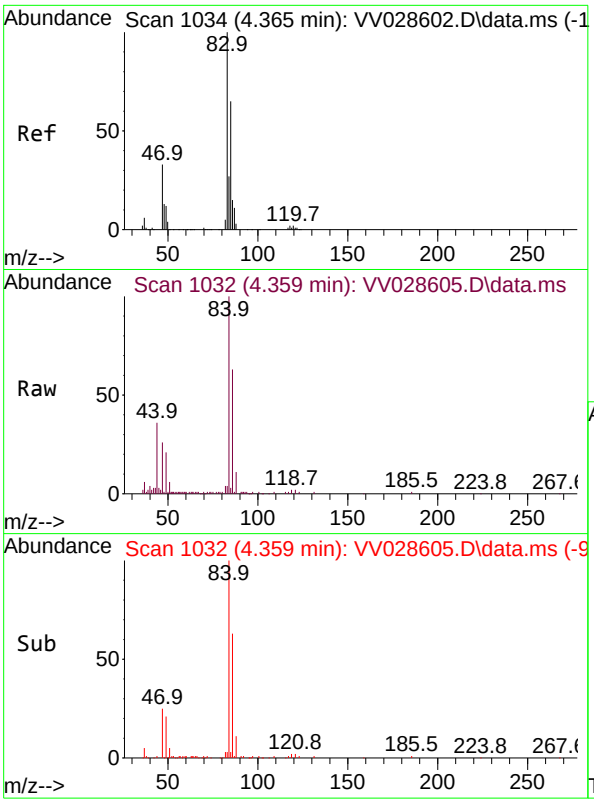


#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.282 min Scan# 386
Delta R.T. -0.006 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Tgt Ion: 76 Resp: 2589

Ion	Ratio	Lower	Upper
76	100		
78	30.5	7.4	11.0#



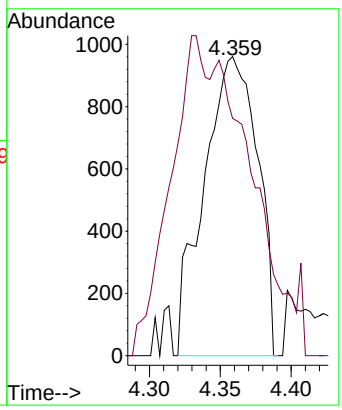


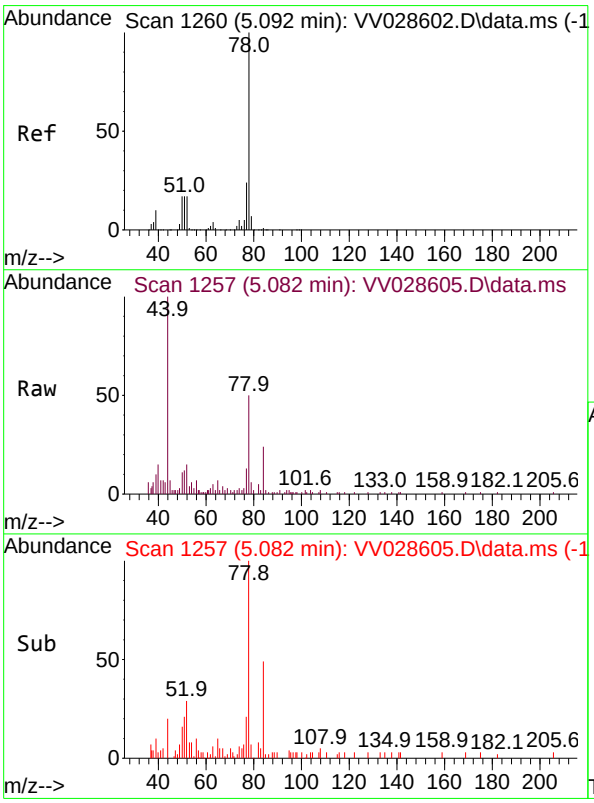
#25
Chloroform
Concen: 0.086 ug/L
RT: 4.359 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 2529

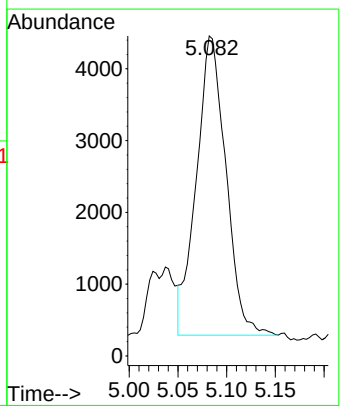
Ion	Ratio	Lower	Upper
83	100		
85	79.3	45.1	83.9

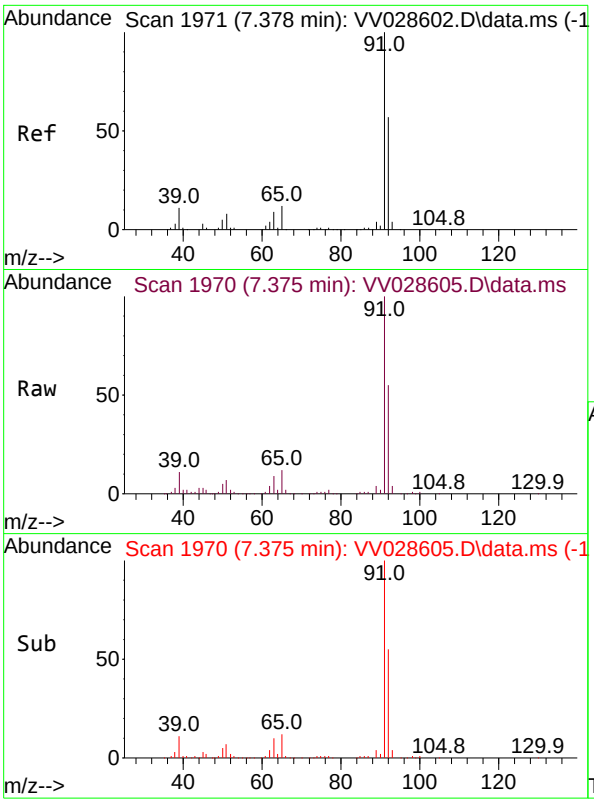




#33
Benzene
Concen: 0.154 ug/L
RT: 5.082 min Scan# 1257
Delta R.T. -0.009 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Tgt Ion: 78 Resp: 8761



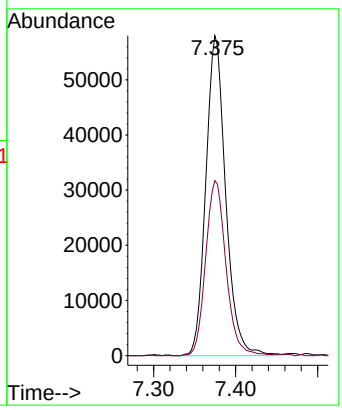


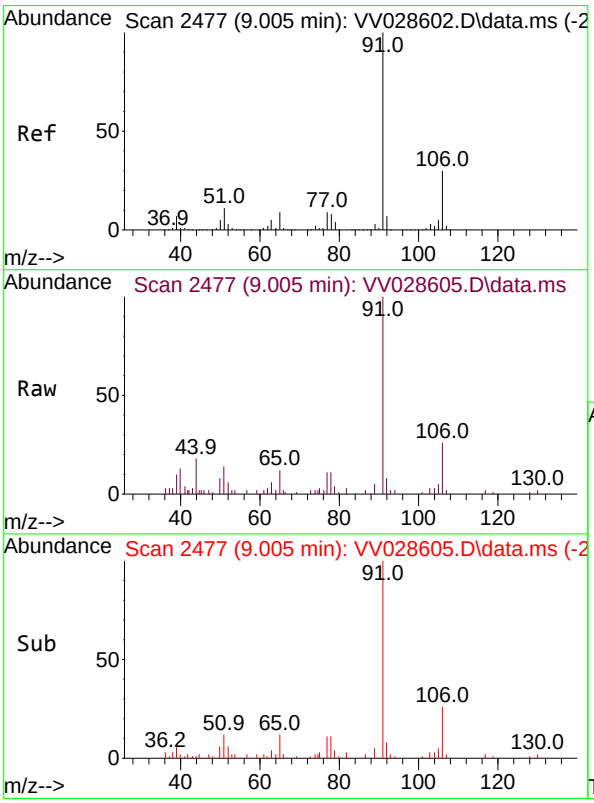
#42
Toluene
Concen: 1.822 ug/L
RT: 7.375 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 97563

Ion	Ratio	Lower	Upper
91	100		
92	54.7	40.7	75.5

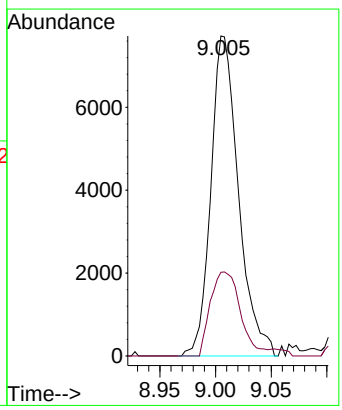


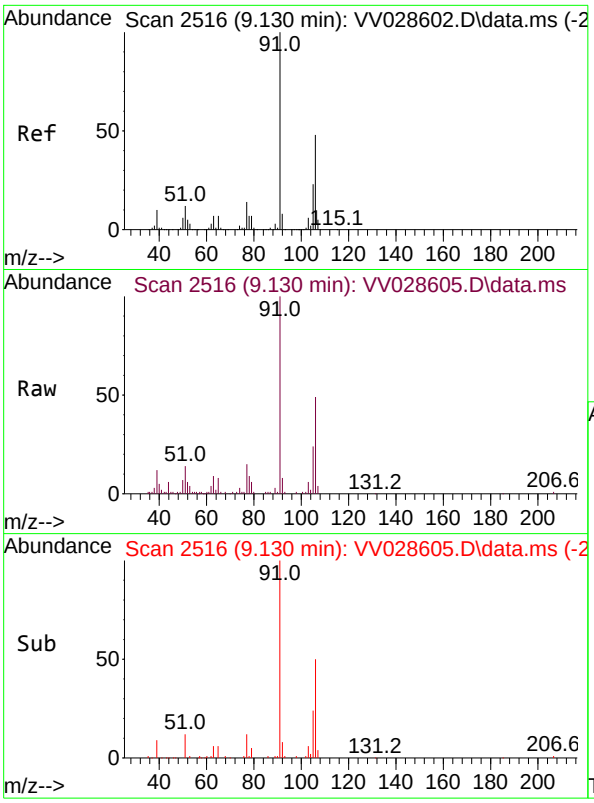


#52
Ethylbenzene
Concen: 0.224 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Tgt Ion: 91 Resp: 13322

Ion	Ratio	Lower	Upper
91	100		
106	26.1	20.3	37.7



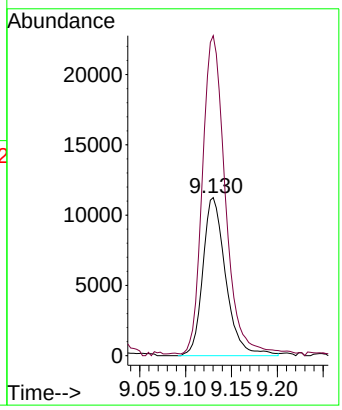


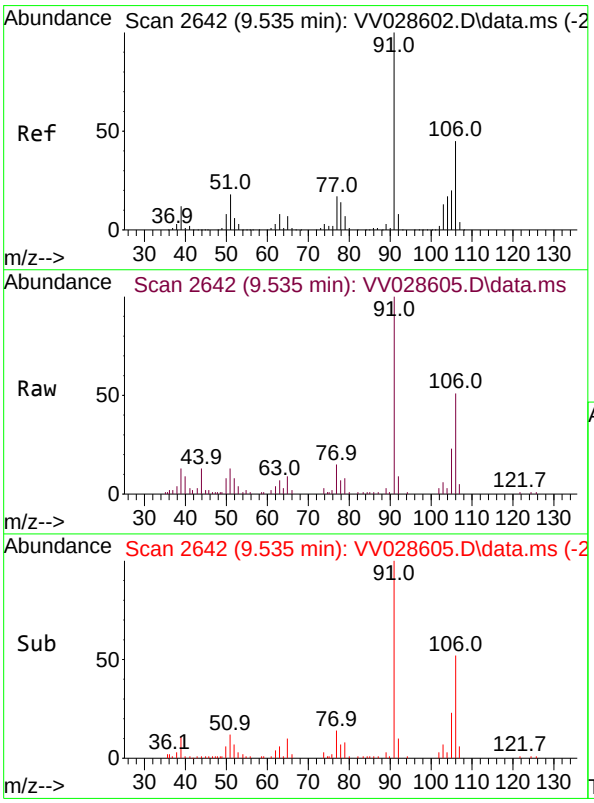
#53
m,p-Xylene
Concen: 0.879 ug/L
RT: 9.130 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 19549

Ion	Ratio	Lower	Upper
106	100		
91	202.4	146.9	272.9

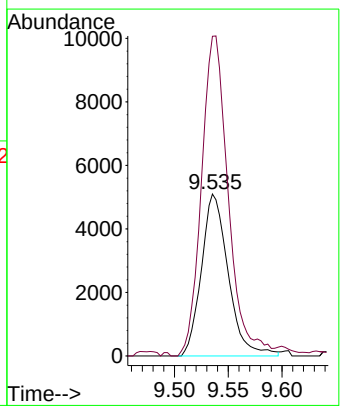


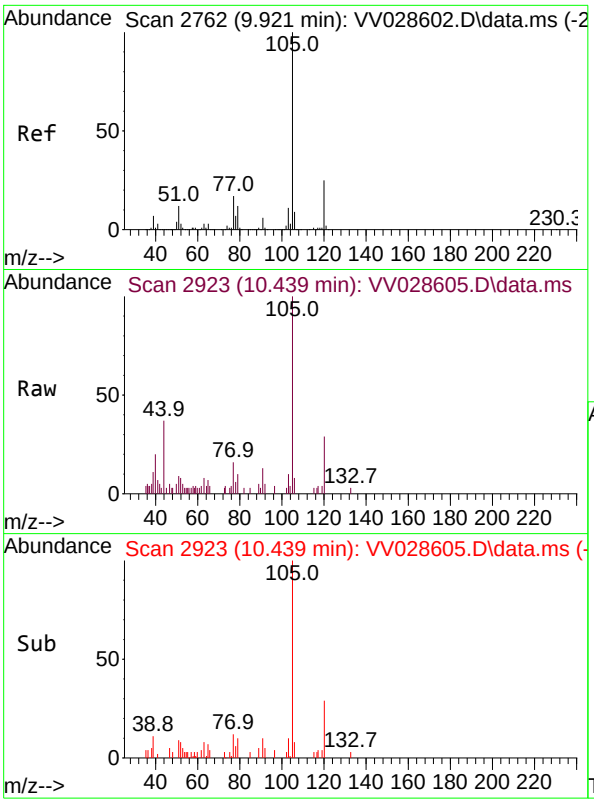


#54
o-Xylene
Concen: 0.411 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Tgt Ion:106 Resp: 8861

Ion	Ratio	Lower	Upper
106	100		
91	197.4	151.4	281.2



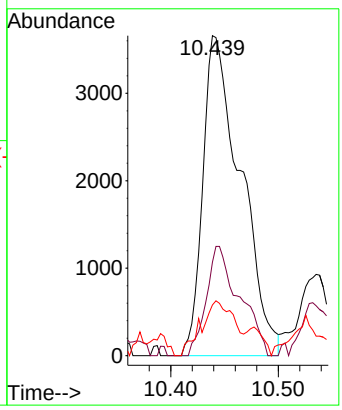


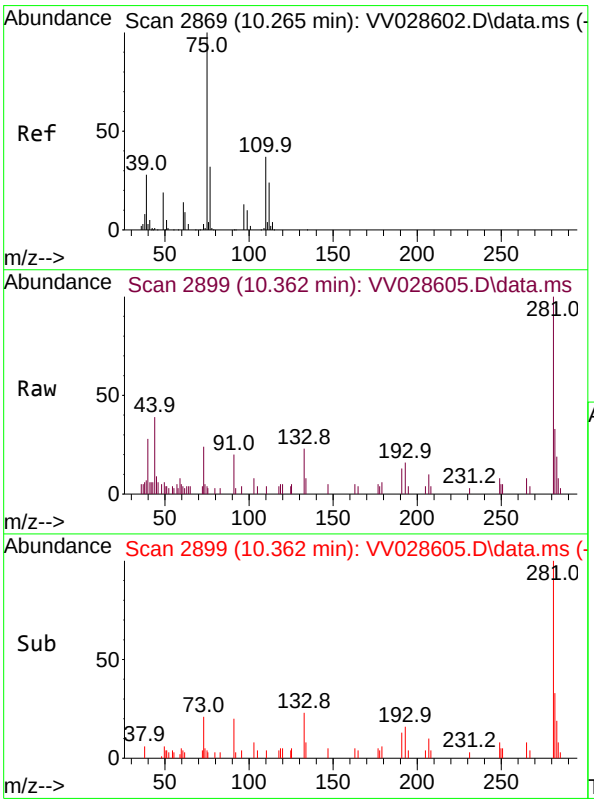
#60
Isopropylbenzene
Concen: 0.167 ug/L
RT: 10.439 min Scan# 2
Delta R.T. 0.518 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 8949

Ion	Ratio	Lower	Upper
105	100		
120	30.0	20.7	31.1
77	14.9	13.1	19.7

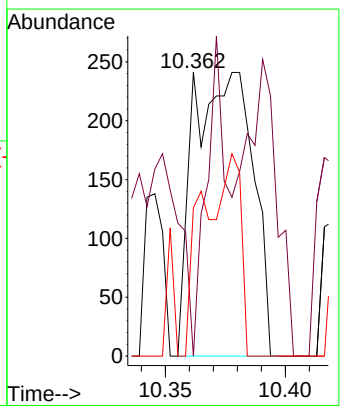


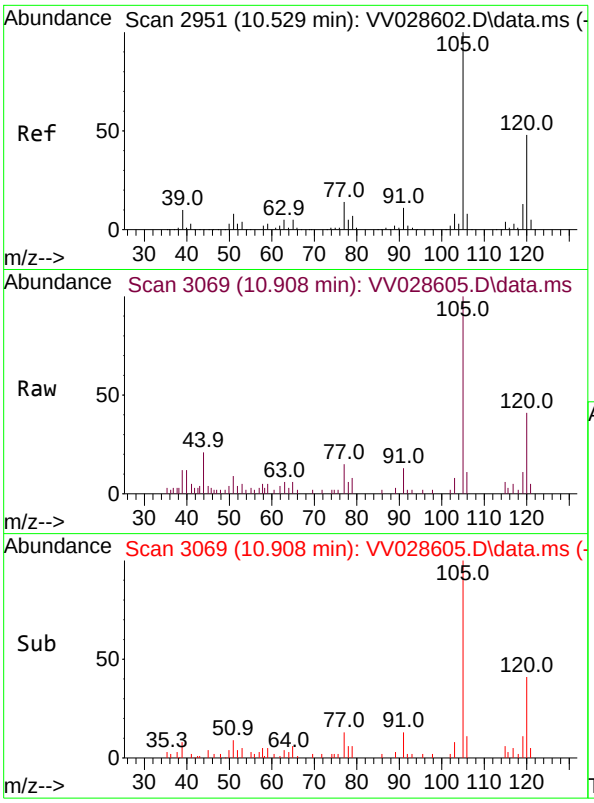


#61
1,2,3-Trichloropropane
Concen: 0.063 ug/L
RT: 10.362 min Scan# 2899
Delta R.T. 0.097 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Tgt Ion: 75 Resp: 412

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#
110	18.0	28.3	42.5#



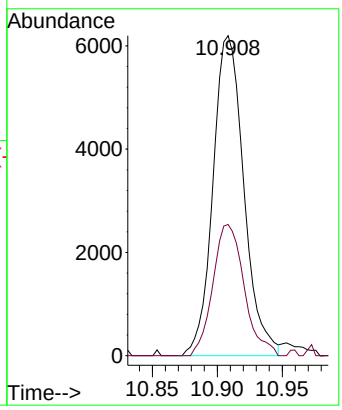


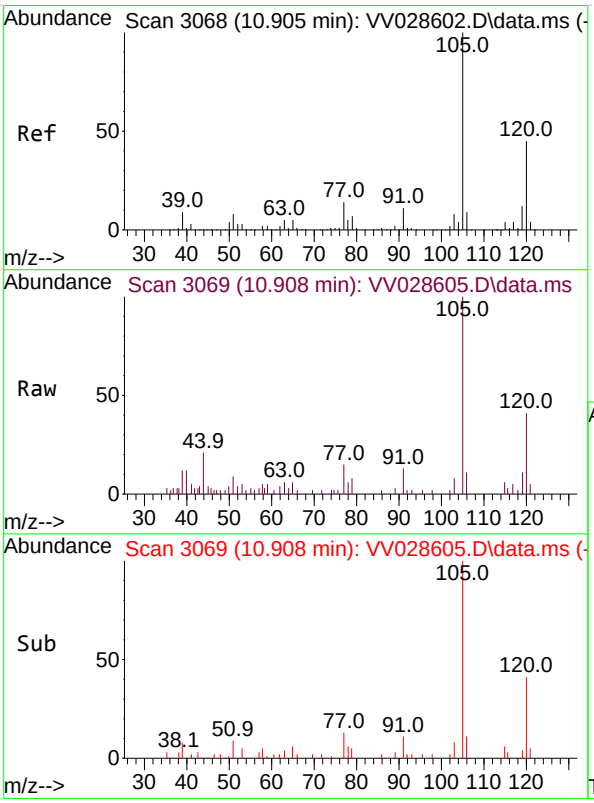
#62
1,3,5-Trimethylbenzene
Concen: 0.635 ug/L
RT: 10.908 min Scan# 3
Delta R.T. 0.380 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 10247

Ion	Ratio	Lower	Upper
105	100		
120	41.5	38.0	57.0

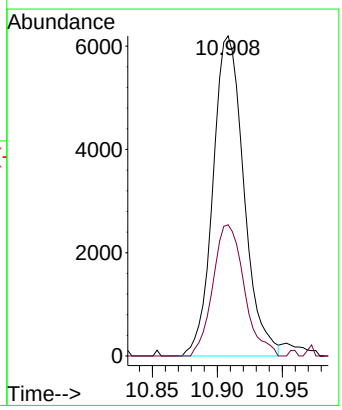


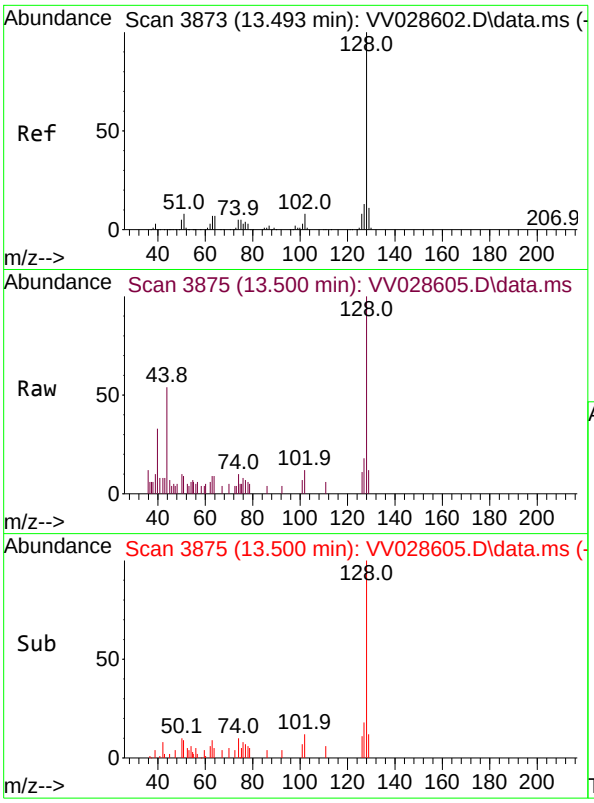


#63
1,2,4-Trimethylbenzene
Concen: 0.232 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Tgt Ion:105 Resp: 10247

Ion	Ratio	Lower	Upper
105	100		
120	41.5	35.6	53.4





#71
Naphthalene
Concen: 0.271 ug/L
RT: 13.500 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV028605.D
Acq: 18 Oct 2022 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 5132

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.2	10.1	15.1