Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082621\
Data File : VV021959.D
Acq On : 26 Aug 2021 16:03
Operator : SY/MD
Sample : M3526-18ME
Misc : 2.37g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 27 03:48:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 27 03:46:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	432504	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	421348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	239970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	109127	32.275	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.560%			
7) Chloroethane-d5	1.529	69	30266	11.862	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 23.720%#			
11) 1,1-Dichloroethene-d2	2.079	63	139024	25.831	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.660%#			
21) 2-Butanone-d5	3.883	46	145847	69.356	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 69.360%			
24) Chloroform-d	4.336	84	212008	36.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.380%			
26) 1,2-Dichloroethane-d4	5.024	65	141850	42.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.200%			
32) Benzene-d6	5.037	84	470217	38.808	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.620%			
36) 1,2-Dichloropropane-d6	6.066	67	151549	40.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.320%			
41) Toluene-d8	7.313	98	449514	40.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.280%			
43) trans-1,3-Dichloroprop...	7.622	79	69723	37.547	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.100%			
47) 2-Hexanone-d5	8.101	63	112488	90.961	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.960%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	192268	41.120	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.240%			
66) 1,2-Dichlorobenzene-d4	11.628	152	204830	41.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.480%			
Target Compounds						Qvalue
16) Methylene chloride	2.490	84	3805	1.070	ug/L	89
25) Chloroform	4.365	83	14386	2.504	ug/L	93
35) Methylcyclohexane	6.121	83	9646	1.774	ug/L	92
42) Toluene	7.384	91	594700	42.944	ug/L	98
44) trans-1,3-Dichloropropene	7.622	75	2977	0.608	ug/L #	83
48) 2-Hexanone	8.101	43	13502	3.860	ug/L #	70
53) m,p-Xylene	9.146	106	4967	0.867	ug/L	96
71) Naphthalene	13.513	128	7629	0.554	ug/L	98

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

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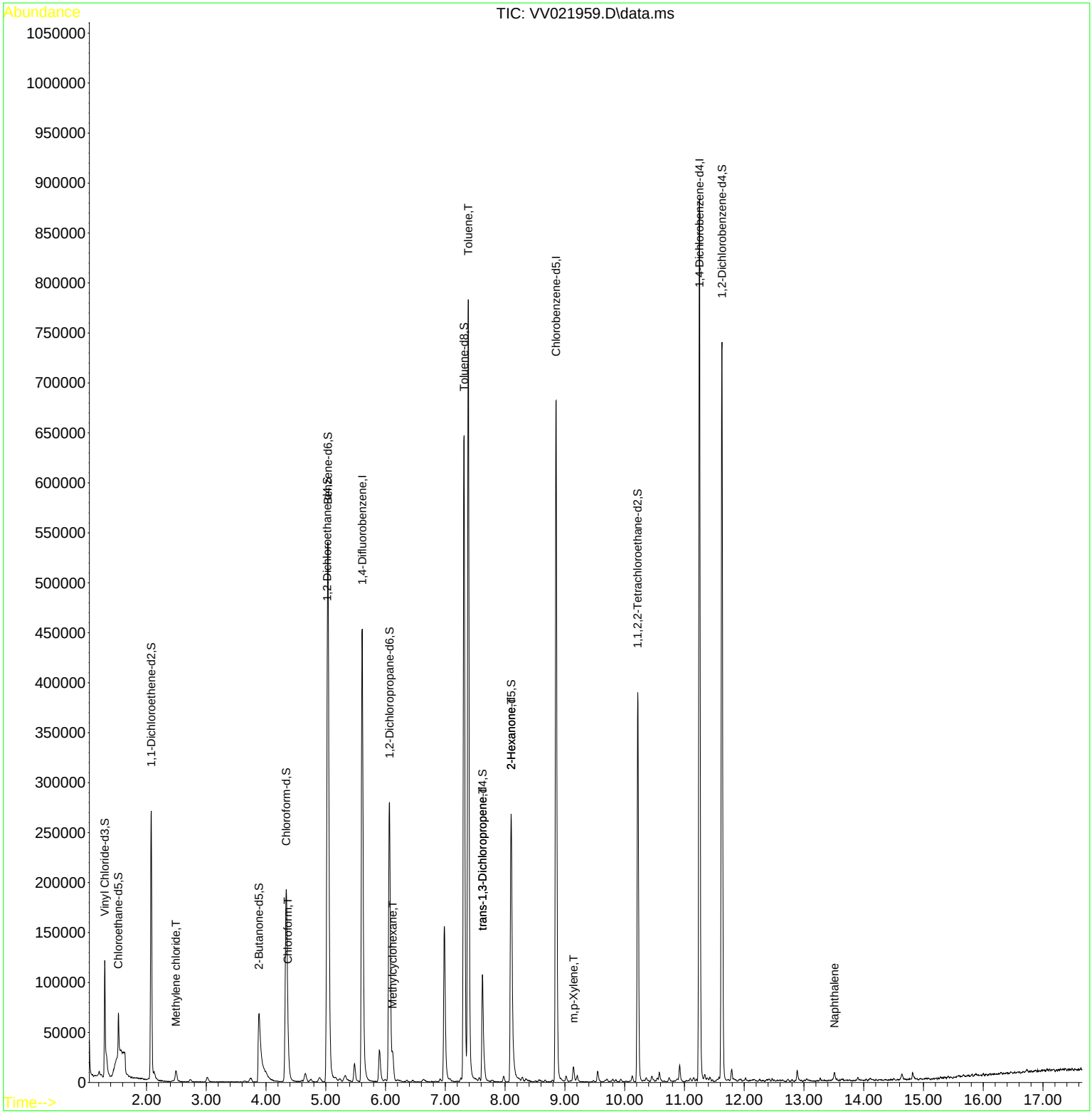
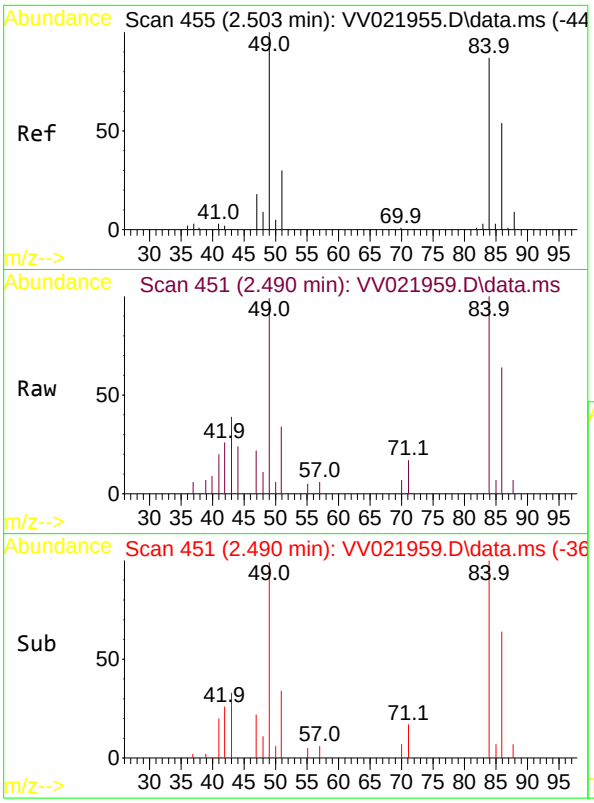


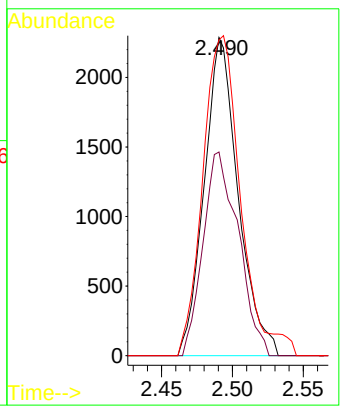
Instrument :
MSVOA_V
ClientSampleId :

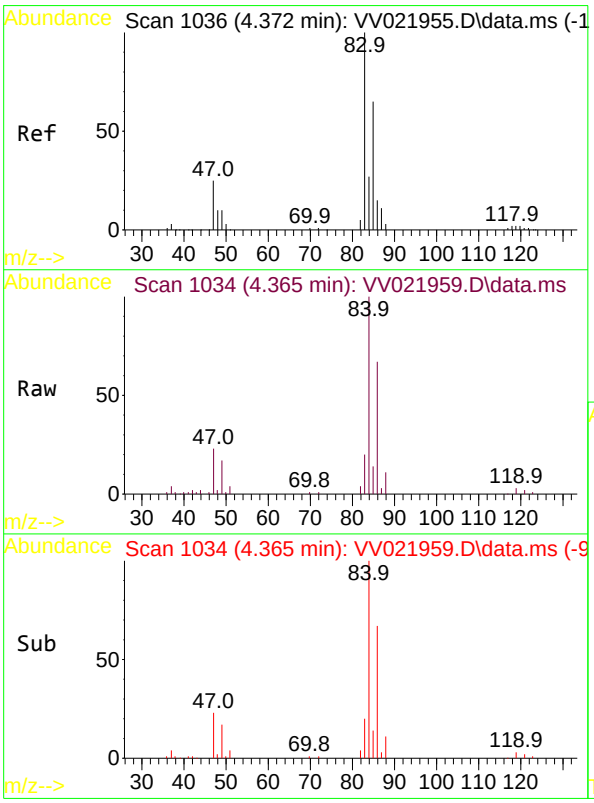


#16
Methylene chloride
Concen: 1.070 ug/L
RT: 2.490 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV021959.D
Acq: 26 Aug 2021 16:03

Tgt Ion: 84 Resp: 3805

Ion	Ratio	Lower	Upper
84	100		
86	64.0	44.7	83.1
49	99.3	82.5	153.3

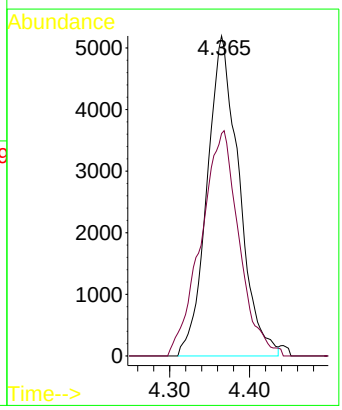


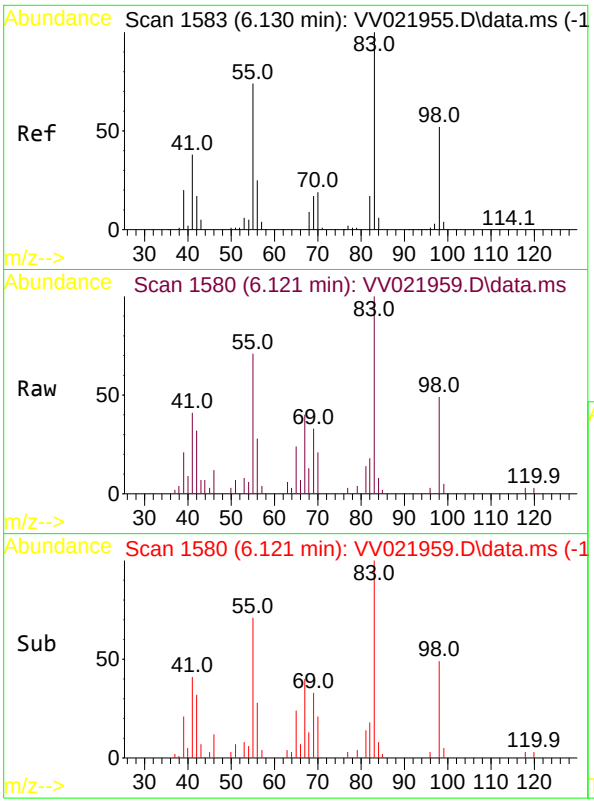


#25
Chloroform
Concen: 2.504 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.007 min
Lab File: VV021959.D
Acq: 26 Aug 2021 16:03

Tgt Ion: 83 Resp: 14386

Ion	Ratio	Lower	Upper
83	100		
85	69.5	44.8	83.2

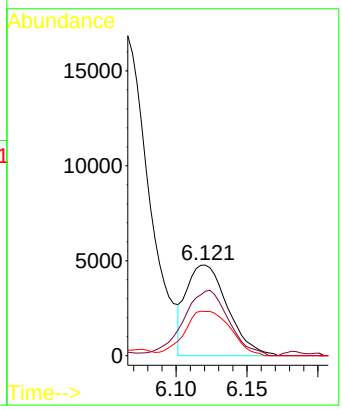




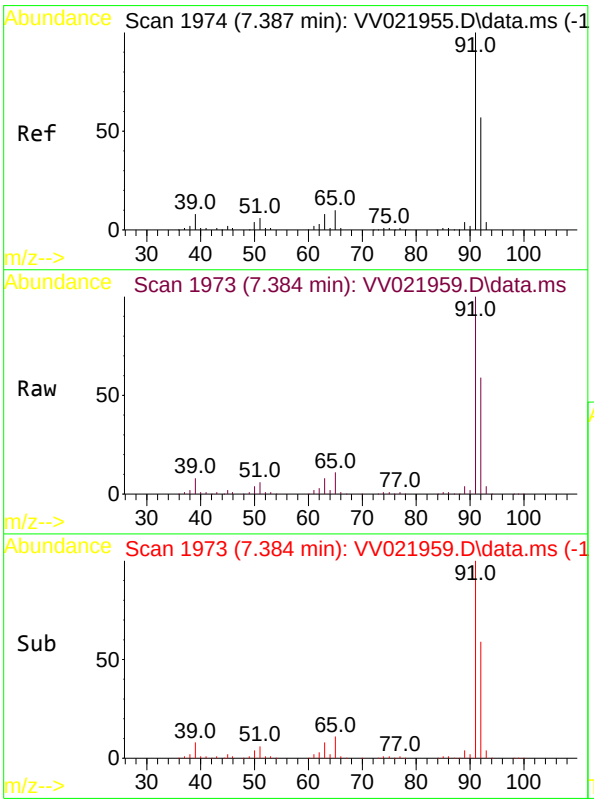
#35
Methylcyclohexane
Concen: 1.774 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.010 min
Lab File: VV021959.D
Acq: 26 Aug 2021 16:03

Tgt Ion: 83 Resp: 9646

Ion	Ratio	Lower	Upper
83	100		
55	79.7	57.9	86.9
98	55.1	39.9	59.9



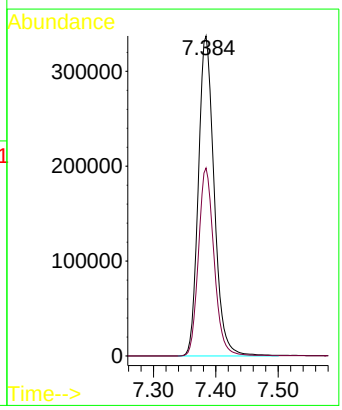
Instrument :
MSVOA_V
ClientSampleId :



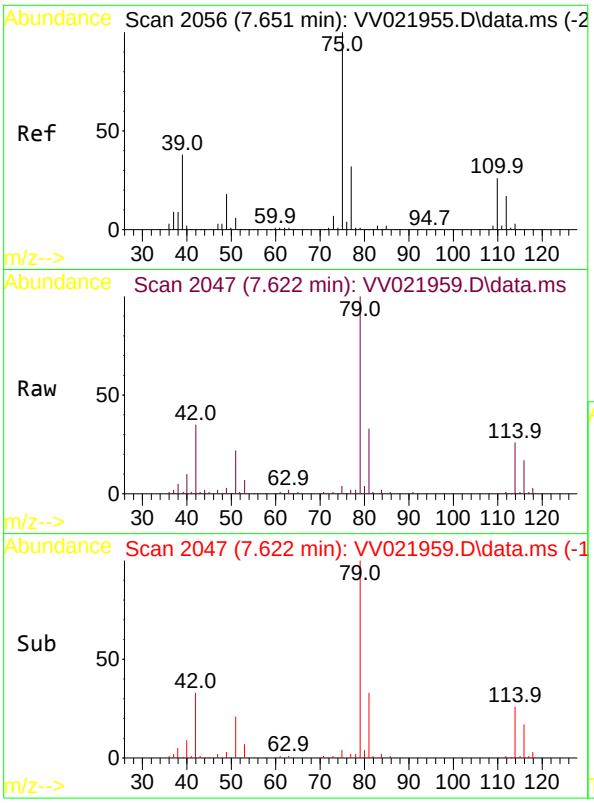
#42
Toluene
Concen: 42.944 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV021959.D
Acq: 26 Aug 2021 16:03

Tgt Ion: 91 Resp: 594700

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.1	74.5



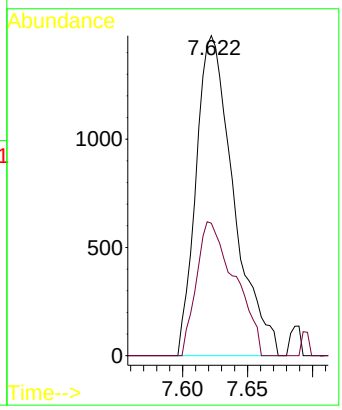
Instrument :
MSVOA_V
ClientSampleId :

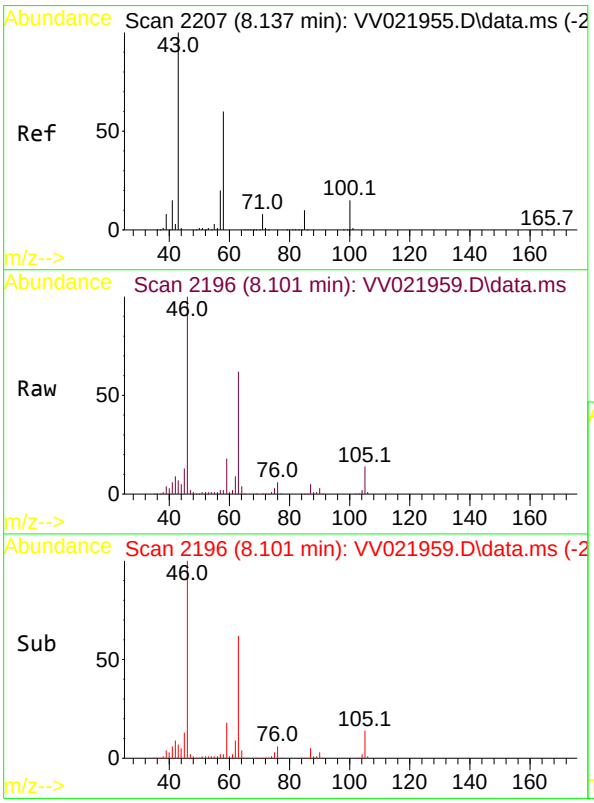


#44
trans-1,3-Dichloropropene
Concen: 0.608 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021959.D
Acq: 26 Aug 2021 16:03

Tgt Ion: 75 Resp: 2977

Ion	Ratio	Lower	Upper
75	100		
77	41.4	22.2	41.2#

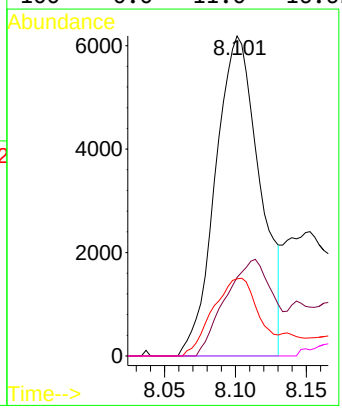




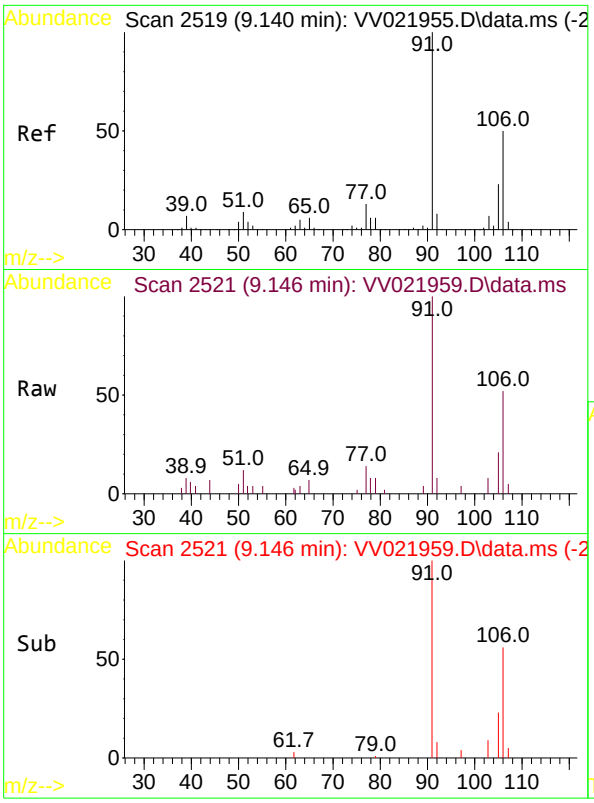
#48
2-Hexanone
Concen: 3.860 ug/L
RT: 8.101 min Scan# 2196
Delta R.T. -0.035 min
Lab File: VV021959.D
Acq: 26 Aug 2021 16:03

Tgt Ion: 43 Resp: 13502

Ion	Ratio	Lower	Upper
43	100		
58	31.9	45.4	68.2#
57	25.3	15.3	22.9#
100	0.0	11.0	16.6#



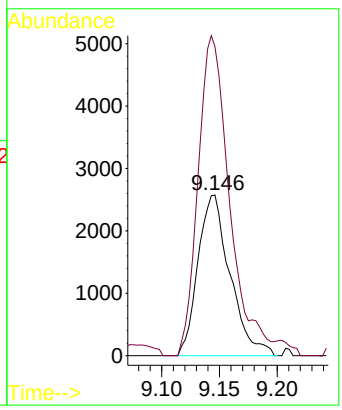
Instrument :
MSVOA_V
ClientSampleId :

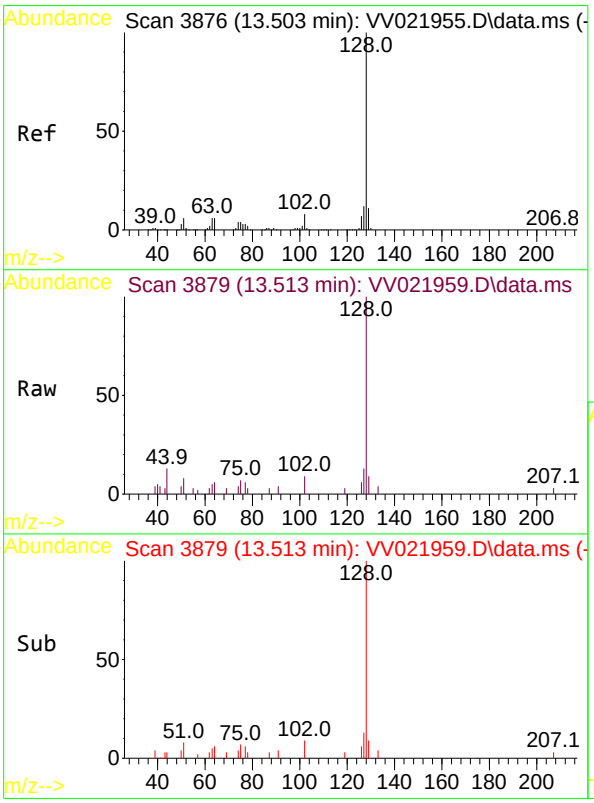


#53
m,p-Xylene
Concen: 0.867 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV021959.D
Acq: 26 Aug 2021 16:03

Tgt Ion:106 Resp: 4967

Ion	Ratio	Lower	Upper
106	100		
91	192.3	139.2	258.6





#71
Naphthalene
Concen: 0.554 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV021959.D
Acq: 26 Aug 2021 16:03

Tgt Ion:128 Resp: 7629

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.0	15.0
129	10.9	8.5	12.7