Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
Data File : VU045332.D
Acq On : 19 Oct 2021 16:12
Operator : SY/MD
Sample : VU1019WBL02
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 20 03:08:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 02:57:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	290008	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	297258	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	132130	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54951	43.497	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.000%			
7) Chloroethane-d5	1.874	69	21045	17.432	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 34.860%#			
11) 1,1-Dichloroethene-d2	2.549	63	70219	27.914	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.820%#			
21) 2-Butanone-d5	4.633	46	204714	108.558	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.560%			
24) Chloroform-d	5.063	84	158169	47.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.160%			
26) 1,2-Dichloroethane-d4	5.703	65	114760	49.968	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.940%			
32) Benzene-d6	5.726	84	268535	48.030	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.060%			
36) 1,2-Dichloropropane-d6	6.694	67	107565	49.492	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.980%			
41) Toluene-d8	7.899	98	220659	46.271	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.540%			
43) trans-1,3-Dichloroprop...	8.182	79	54309	49.229	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.460%			
47) 2-Hexanone-d5	8.639	63	168192	123.338	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.340%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	241578	58.796	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.600%			
66) 1,2-Dichlorobenzene-d4	12.198	152	125872	54.906	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.820%			
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1594	0.666	ug/L	96
6) Bromomethane	1.826	94	789	0.563	ug/L	96
8) Chloroethane	1.916	64	1226	0.738	ug/L #	53
14) Carbon disulfide	2.781	76	1608	0.310	ug/L #	95
15) Methyl Acetate	2.954	43	2608	0.958	ug/L	95
25) Chloroform	5.086	83	3211	0.762	ug/L	88
35) Methylcyclohexane	6.694	83	25169	7.022	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	11440	4.545	ug/L #	88
44) trans-1,3-Dichloropropene	8.182	75	2628	0.729	ug/L	90
48) 2-Hexanone	8.694	43	5550	1.713	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.848	180	1935	0.688	ug/L	92
70) 1,2,4-trichlorobenzene	13.848	180	1935	0.821	ug/L	92
71) Naphthalene	14.092	128	10159	1.290	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	2268	0.963	ug/L	92

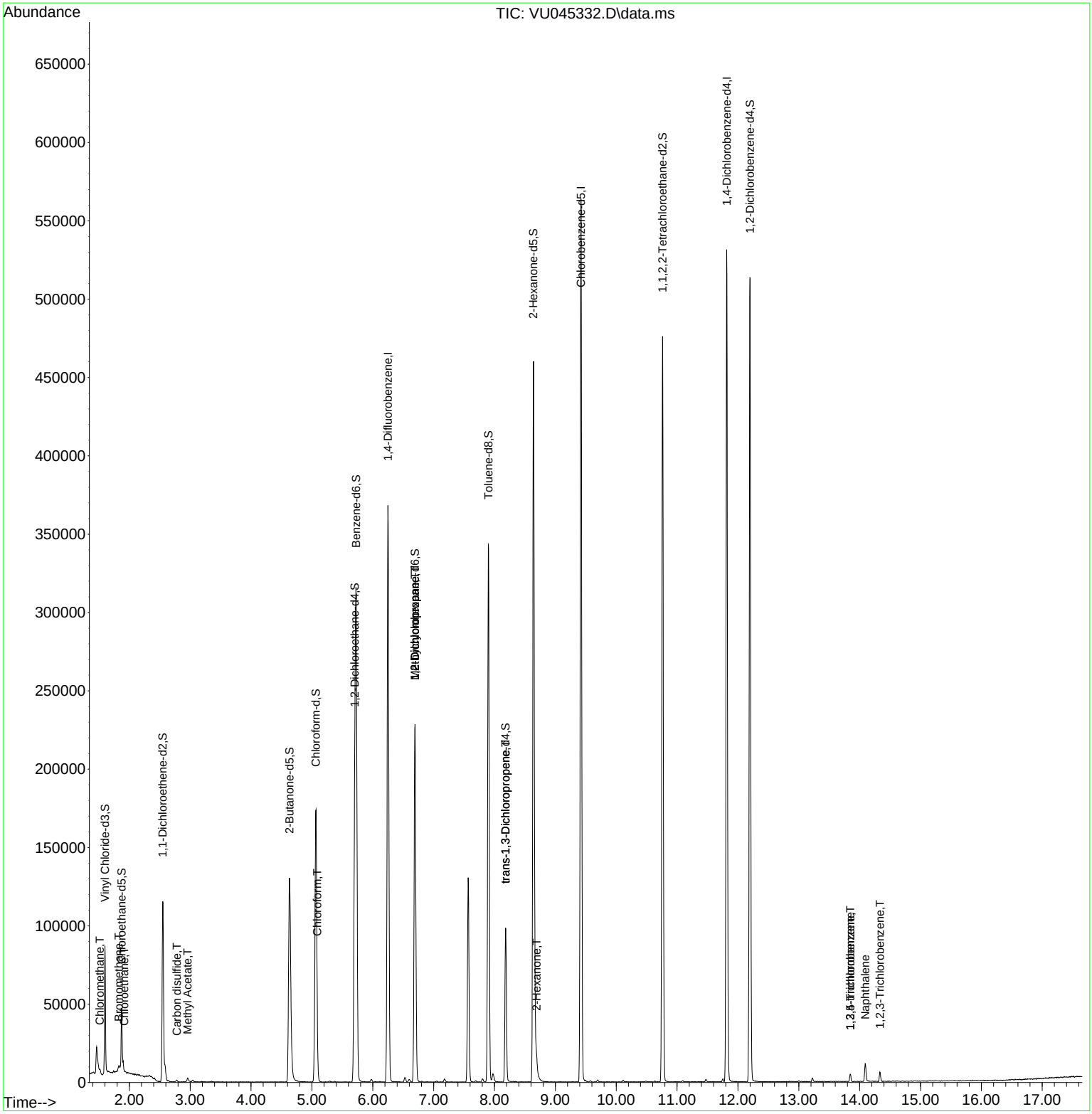
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

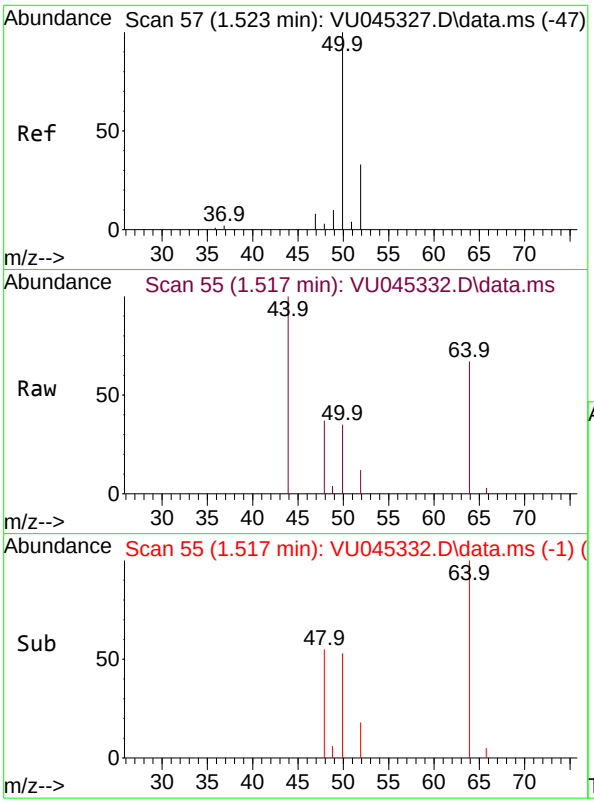
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
Data File : VU045332.D
Acq On : 19 Oct 2021 16:12
Operator : SY/MD
Sample : VU1019WBL02
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 20 03:08:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 02:57:45 2021
Response via : Initial Calibration



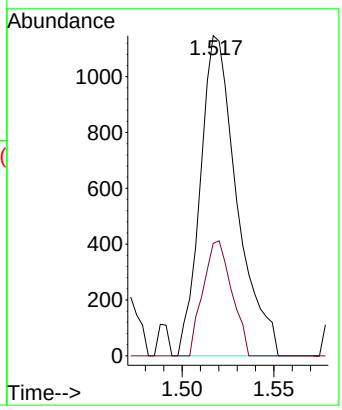
Instrument :
MSVOA_U
ClientSampleId :

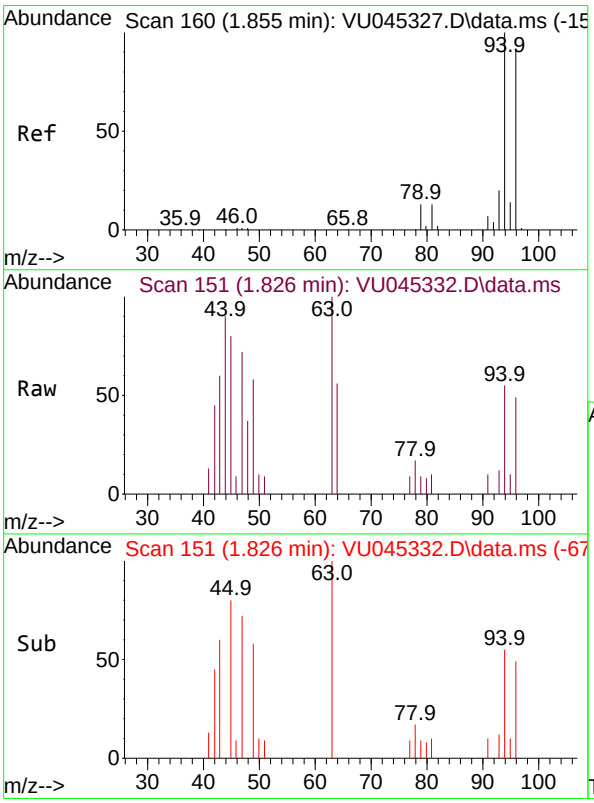


#3
Chloromethane
Concen: 0.666 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 50 Resp: 1594

Ion	Ratio	Lower	Upper
50	100		
52	35.1	23.2	43.0

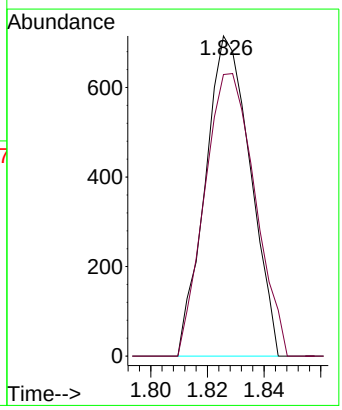


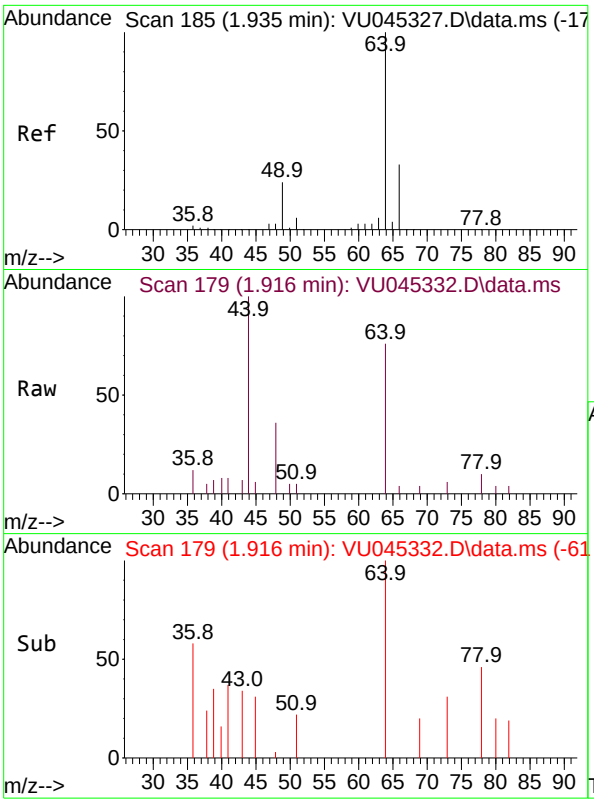


#6
Bromomethane
Concen: 0.563 ug/L
RT: 1.826 min Scan# 151
Delta R.T. -0.029 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 94 Resp: 789

Ion	Ratio	Lower	Upper
94	100		
96	88.0	64.1	119.1

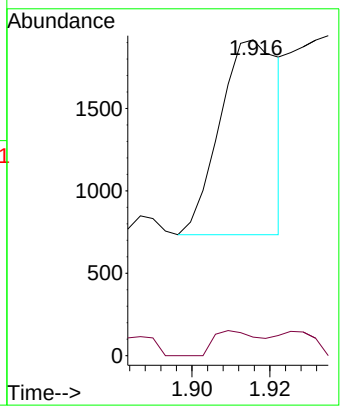




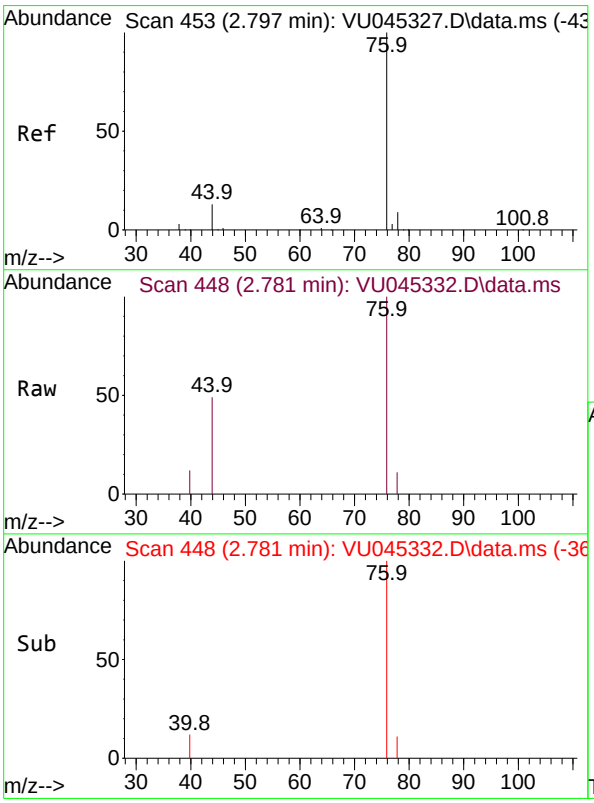
#8
Chloroethane
Concen: 0.738 ug/L
RT: 1.916 min Scan# 179
Delta R.T. -0.019 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 64 Resp: 1226

Ion	Ratio	Lower	Upper
64	100		
66	5.9	22.5	41.9#



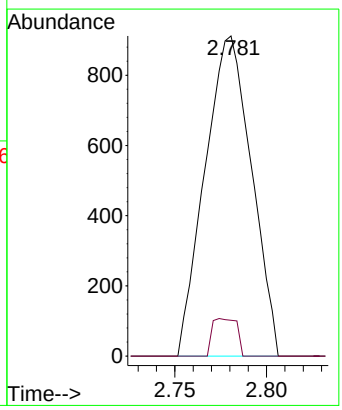
Instrument :
MSVOA_U
ClientSampleId :

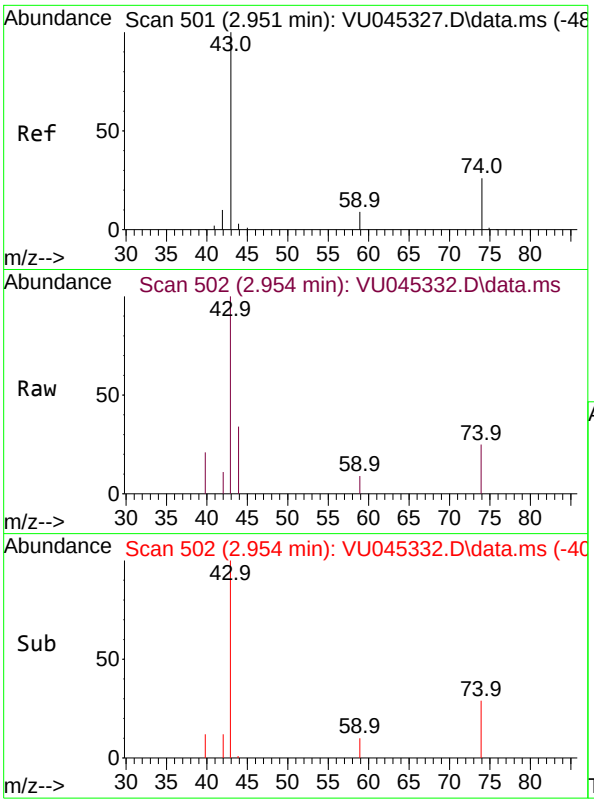


#14
Carbon disulfide
Concen: 0.310 ug/L
RT: 2.781 min Scan# 448
Delta R.T. -0.016 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 76 Resp: 1608

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.4	11.0#

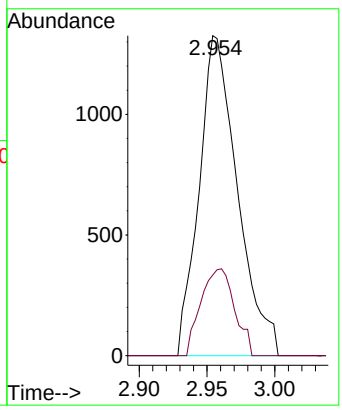




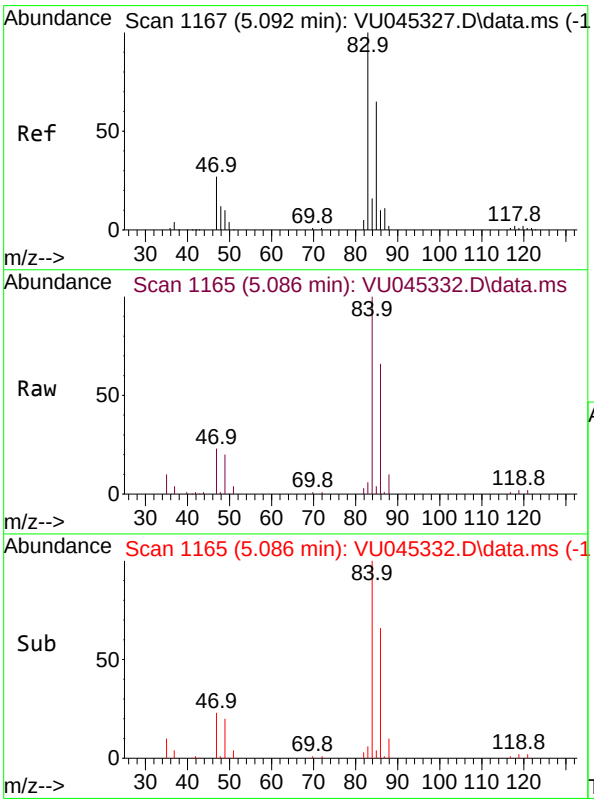
#15
Methyl Acetate
Concen: 0.958 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 43 Resp: 2608

Ion	Ratio	Lower	Upper
43	100		
74	23.0	20.5	30.7



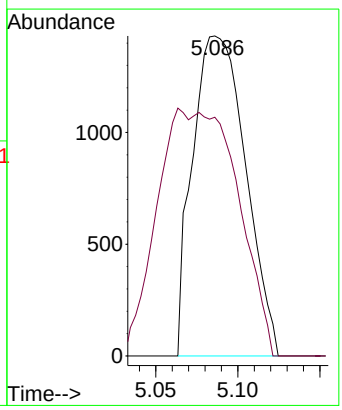
Instrument :
MSVOA_U
ClientSampleId :



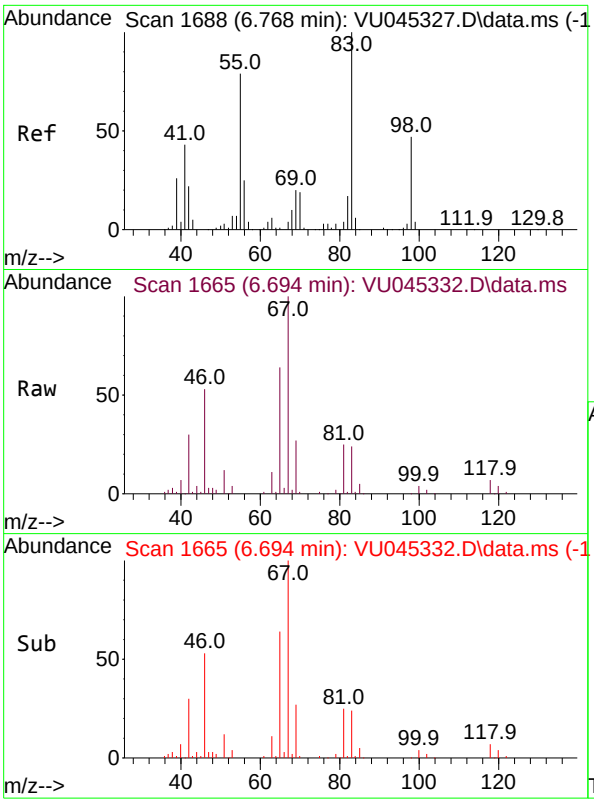
#25
Chloroform
Concen: 0.762 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 83 Resp: 3211

Ion	Ratio	Lower	Upper
83	100		
85	74.6	45.4	84.2



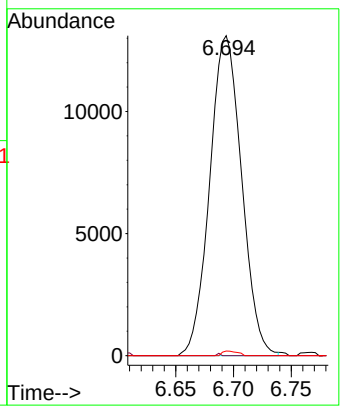
Instrument :
MSVOA_U
ClientSampleId :

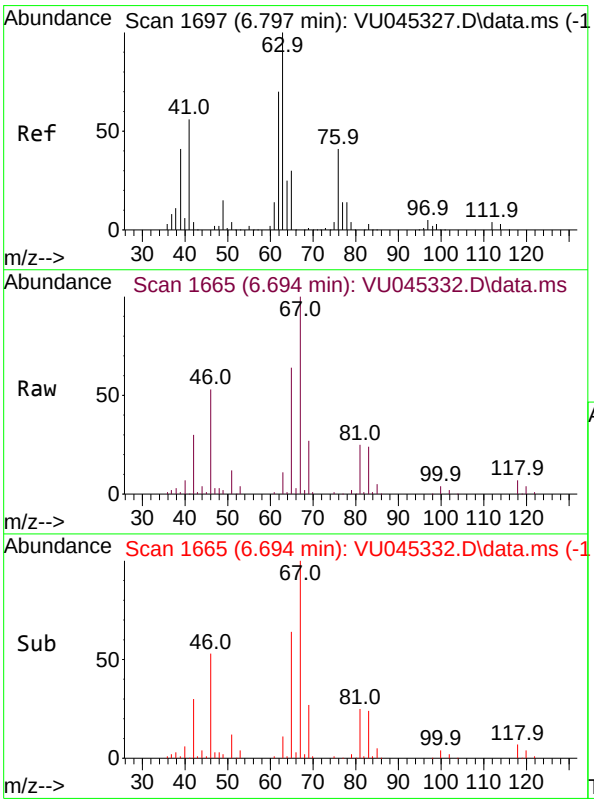


#35
Methylcyclohexane
Concen: 7.022 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 83 Resp: 25169

Ion	Ratio	Lower	Upper
83	100		
55	0.8	63.4	95.0#
98	0.7	37.9	56.9#

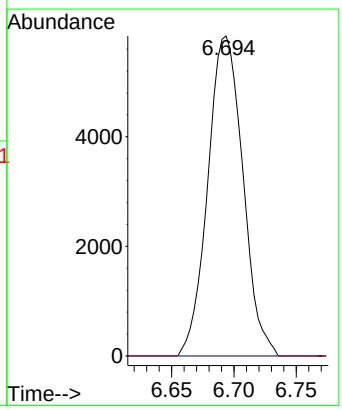




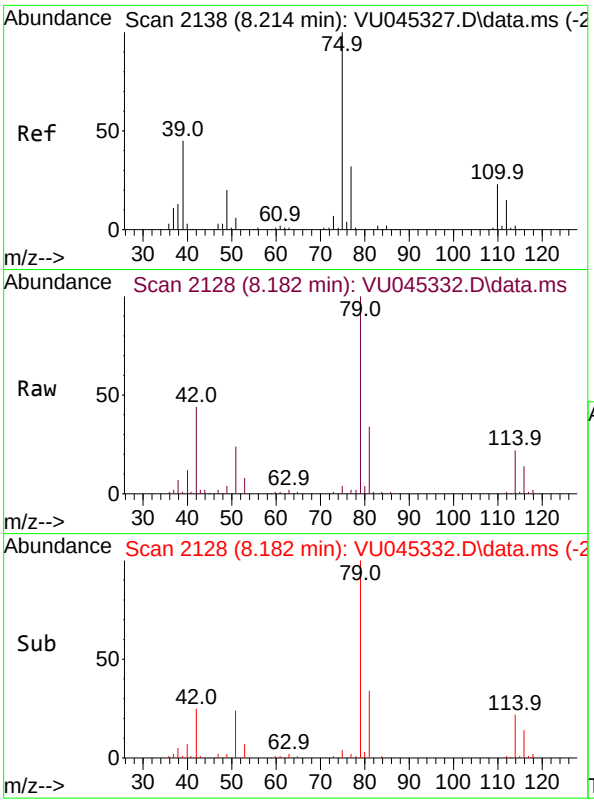
#37
1,2-Dichloropropane
Concen: 4.545 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 63 Resp: 11440

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



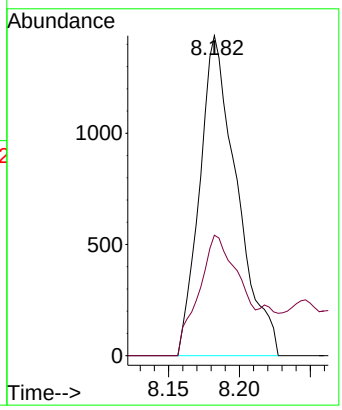
Instrument :
MSVOA_U
ClientSampleId :

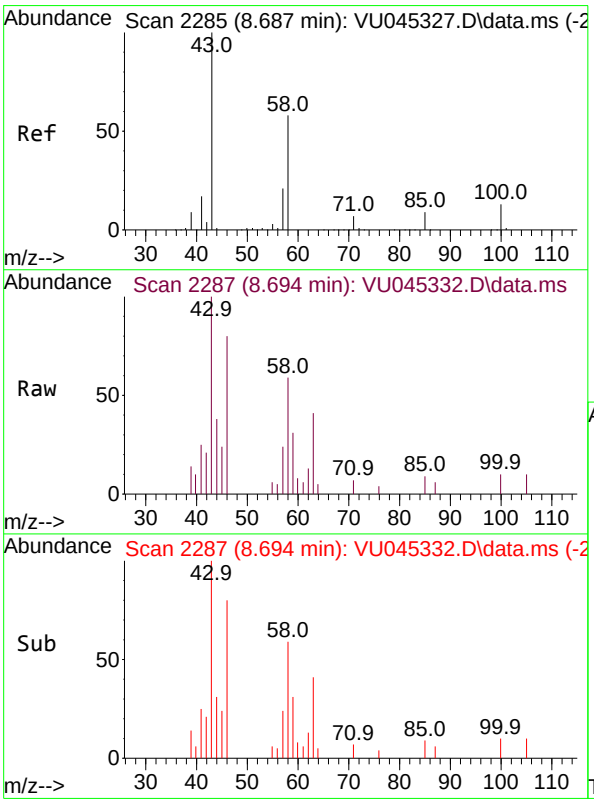


#44
trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 75 Resp: 2628

Ion	Ratio	Lower	Upper
75	100		
77	37.7	22.5	41.9

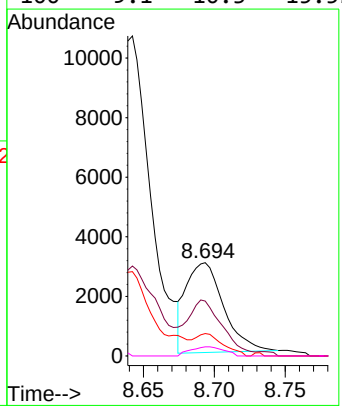




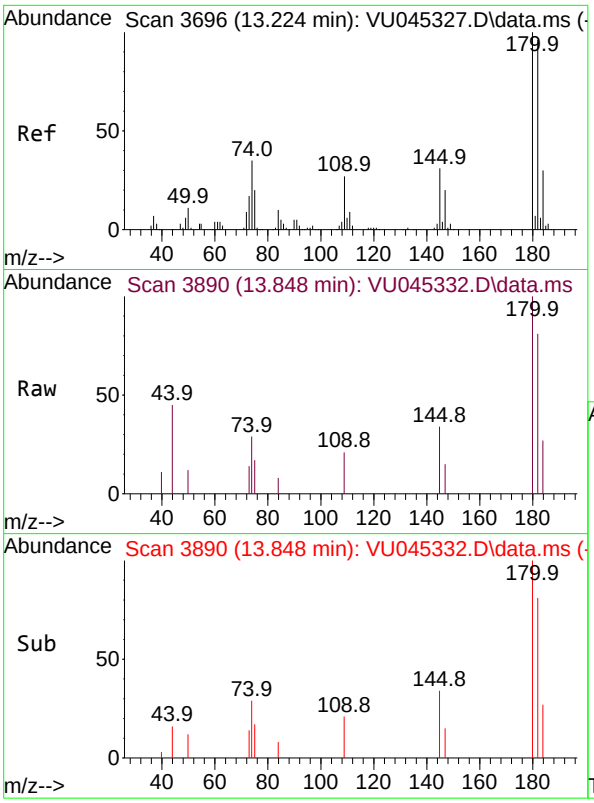
#48
2-Hexanone
Concen: 1.713 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion: 43 Resp: 5550

Ion	Ratio	Lower	Upper
43	100		
58	51.5	45.4	68.0
57	17.7	16.0	24.0
100	9.1	10.3	15.5#



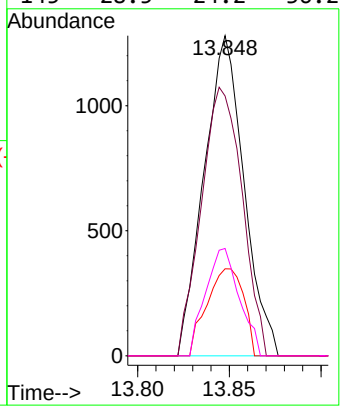
Instrument :
MSVOA_U
ClientSampleId :

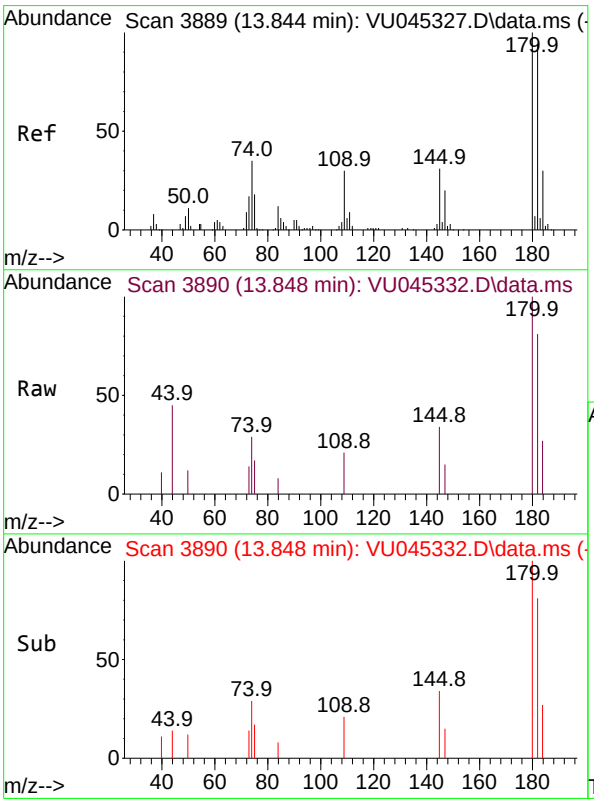


#69
1,3,5-Trichlorobenzene
Concen: 0.688 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.624 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion:180 Resp: 1935

Ion	Ratio	Lower	Upper
180	100		
182	85.8	76.0	114.0
184	25.0	23.8	35.8
145	28.5	24.2	36.2

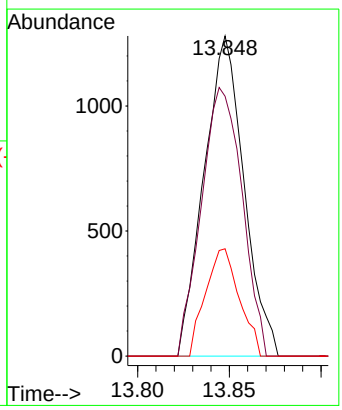




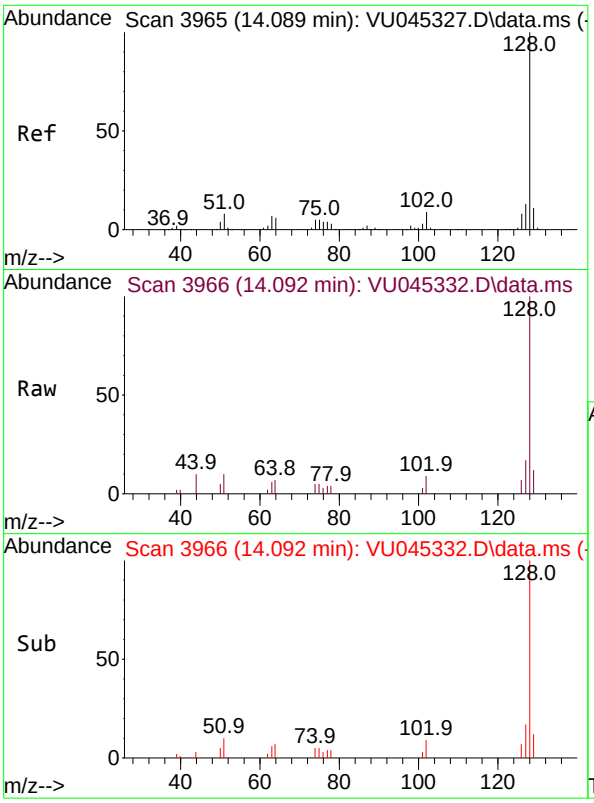
#70
1,2,4-trichlorobenzene
Concen: 0.821 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion:180 Resp: 1935

Ion	Ratio	Lower	Upper
180	100		
182	85.8	75.7	113.5
145	28.5	25.1	37.7



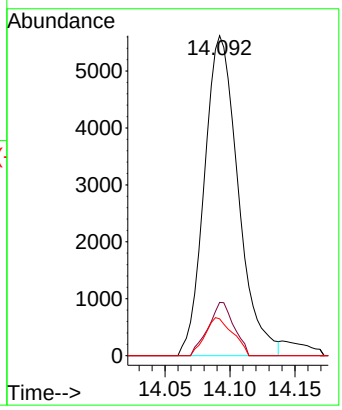
Instrument :
MSVOA_U
ClientSampleId :

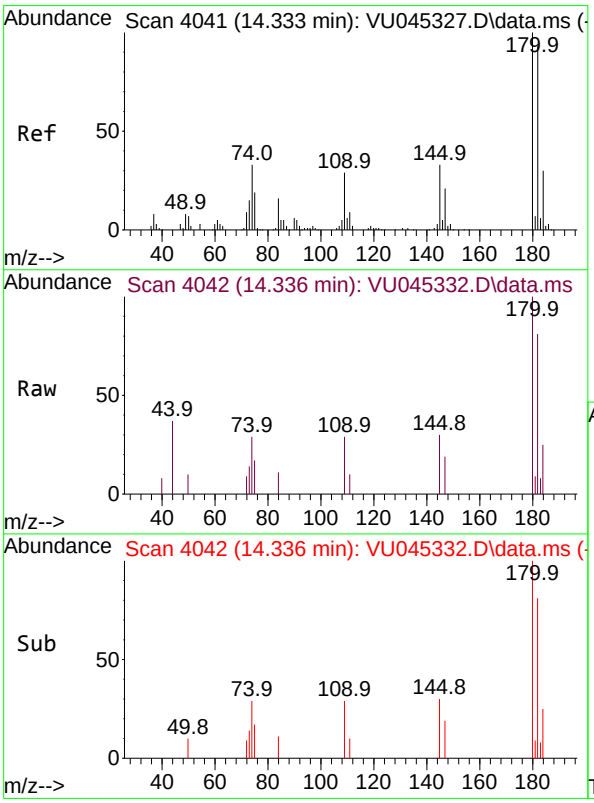


#71
Naphthalene
Concen: 1.290 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion:128 Resp: 10159

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	9.7	8.6	13.0





#72
1,2,3-Trichlorobenzene
Concen: 0.963 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045332.D
Acq: 19 Oct 2021 16:12

Tgt Ion:180 Resp: 2268

Ion	Ratio	Lower	Upper
180	100		
182	86.5	75.0	112.4
145	28.0	26.4	39.6