

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046186.D
 Acq On : 08 Dec 2021 19:36
 Operator : SY/MD
 Sample : M4887-12ME
 Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8A7ME

Quant Time: Dec 09 03:21:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

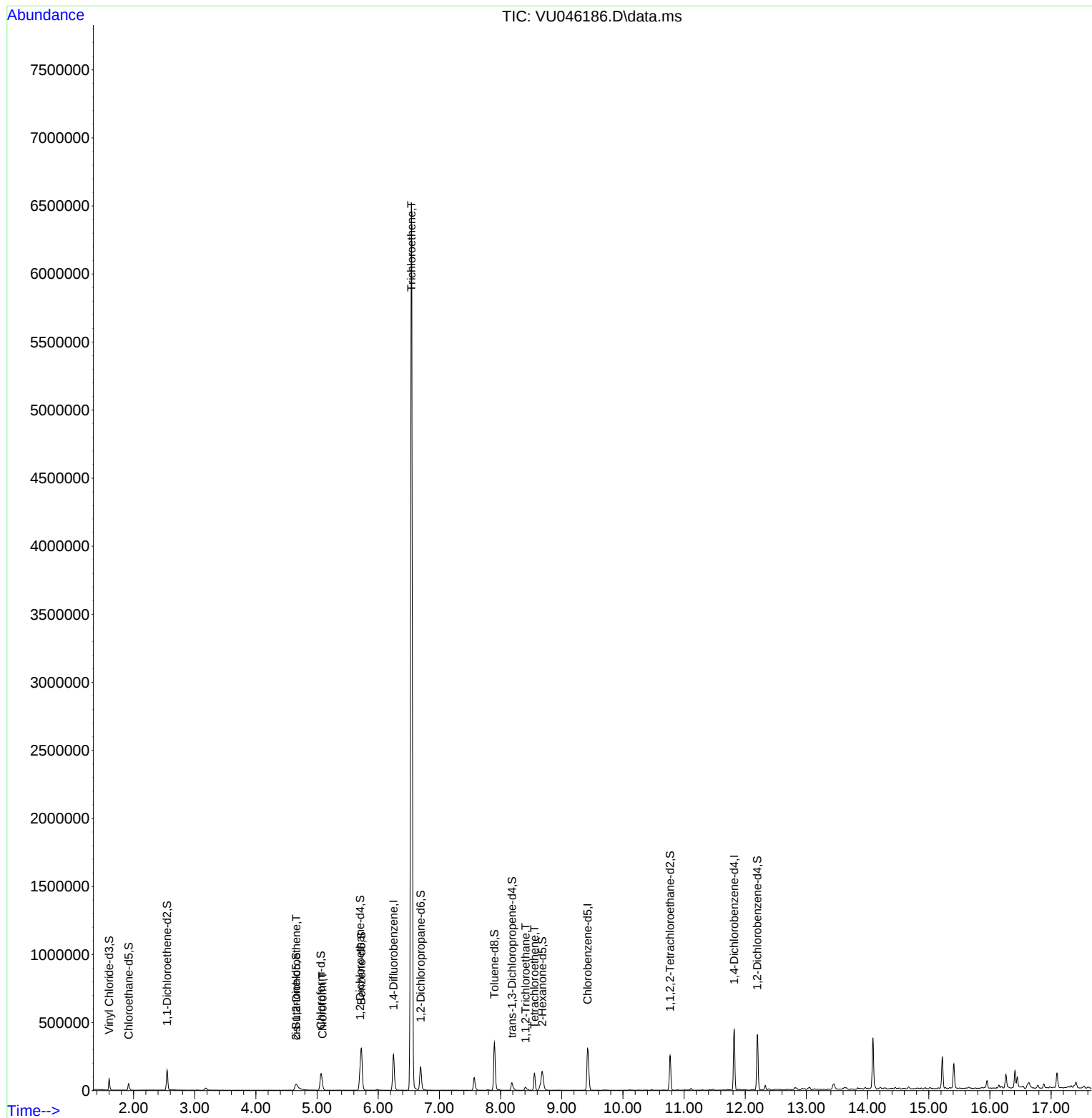
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	240973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	234545	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	123137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	67639	34.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.140%
7) Chloroethane-d5	1.919	69	46577	30.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.120%#
11) 1,1-Dichloroethene-d2	2.549	63	87069	24.434	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.860%#
21) 2-Butanone-d5	4.655	46	121004	76.682	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.680%
24) Chloroform-d	5.063	84	120618	36.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.780%
26) 1,2-Dichloroethane-d4	5.703	65	89178	40.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.180%
32) Benzene-d6	5.726	84	282989	42.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.693	67	89465	42.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.880%
41) Toluene-d8	7.899	98	257953	42.144	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.280%
43) trans-1,3-Dichloroprop...	8.185	79	45307	45.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.100%
47) 2-Hexanone-d5	8.681	63	91713	92.844	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	10.770	84	128767	40.755	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.500%
66) 1,2-Dichlorobenzene-d4	12.198	152	105169	44.349	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.700%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.661	96	1373	0.718	ug/L	87
25) Chloroform	5.089	83	14057	3.946	ug/L	97
34) Trichloroethene	6.542	95	2311667	1236.106	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	11425	6.124	ug/L	95
46) Tetrachloroethene	8.552	164	29517	21.478	ug/L	96

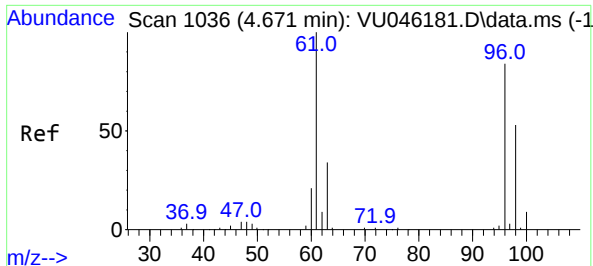
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

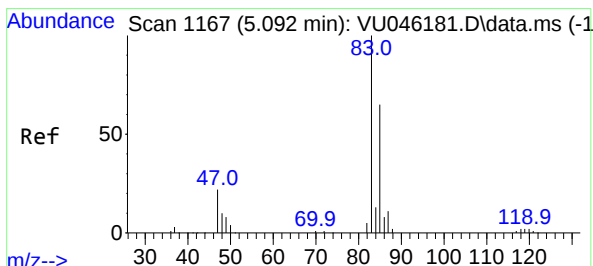
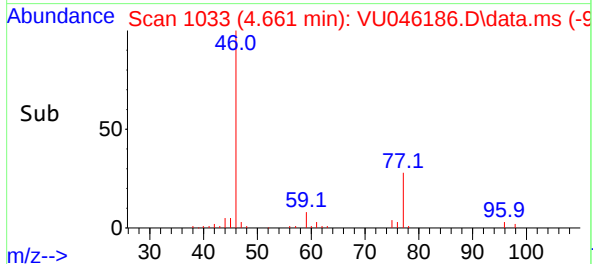
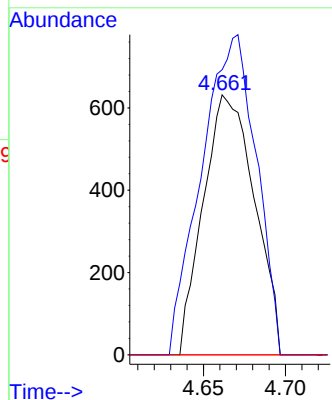
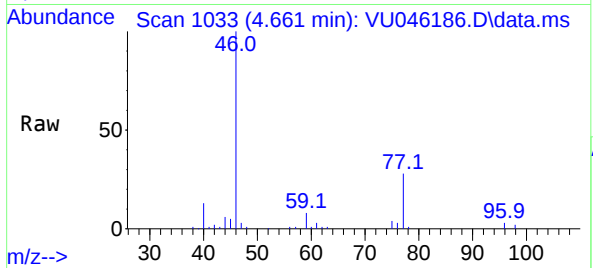




#20
cis-1,2-Dichloroethene
Concen: 0.718 ug/L
RT: 4.661 min Scan# 1036
Delta R.T. -0.010 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

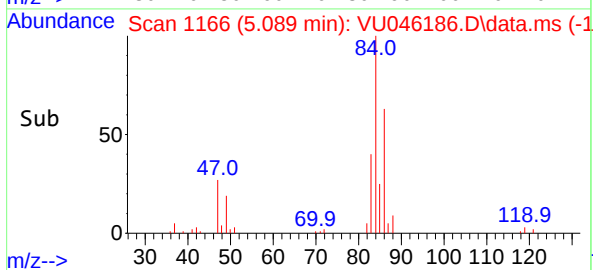
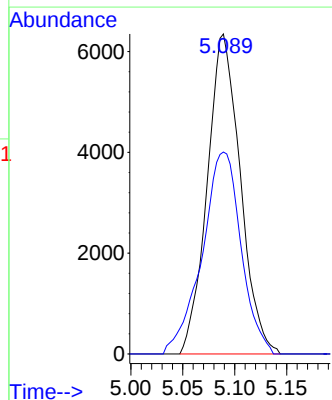
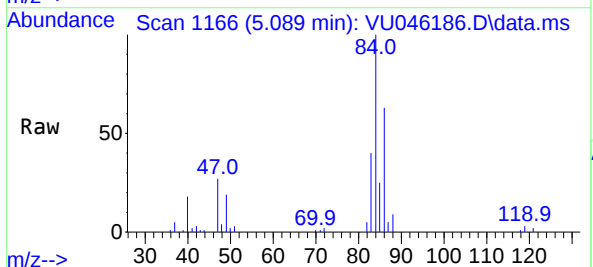
Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

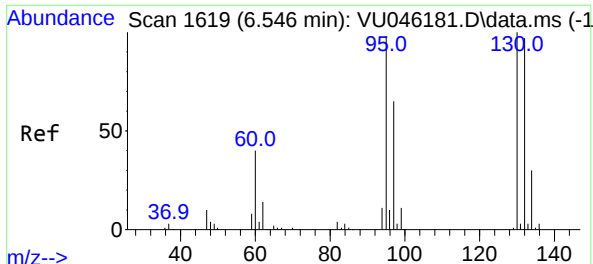
Tgt Ion: 96 Resp: 1373
Ion Ratio Lower Upper
96 100
61 109.7 86.8 161.2
68 0.0 0.0 0.0



#25
Chloroform
Concen: 3.946 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Tgt Ion: 83 Resp: 14057
Ion Ratio Lower Upper
83 100
85 63.1 45.8 85.2



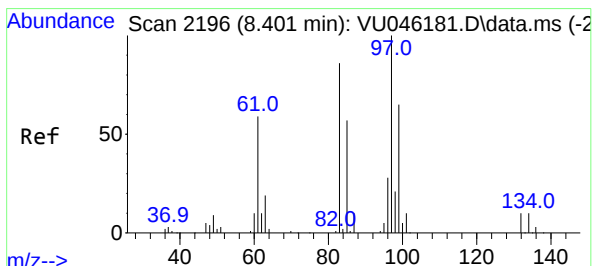
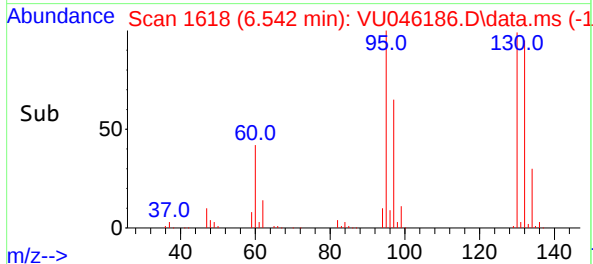
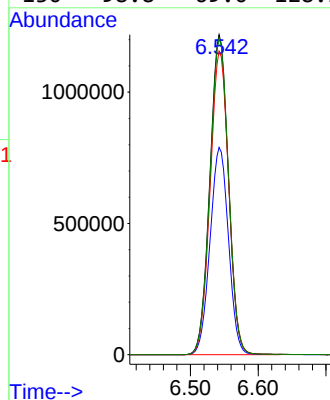
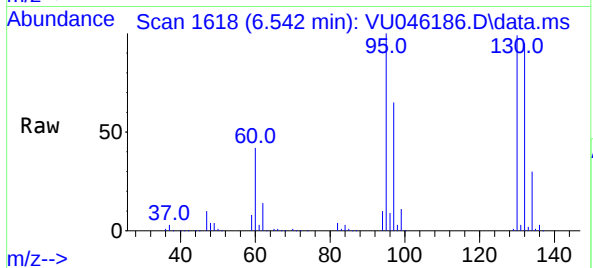


#34
Trichloroethene
Concen: 1236.106 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

Tgt Ion: 95 Resp: 2311667

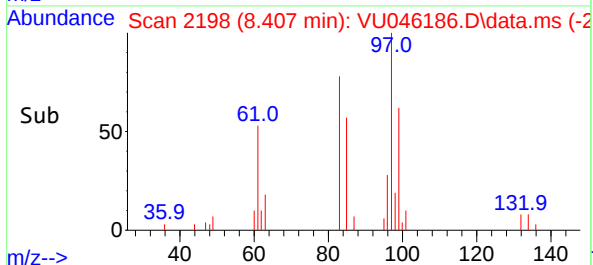
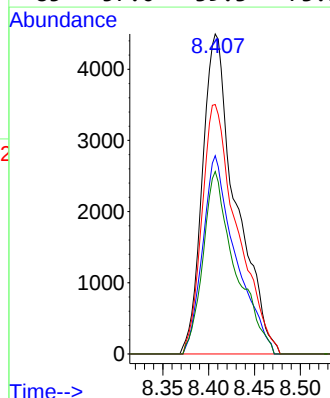
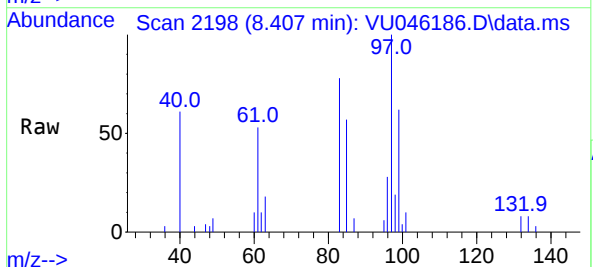
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.1	81.9
132	94.9	66.8	124.0
130	98.8	69.0	128.1

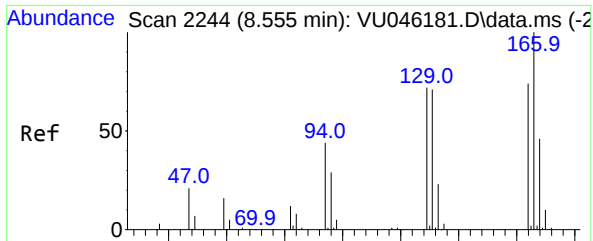


#45
1,1,2-Trichloroethane
Concen: 6.124 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Tgt Ion: 97 Resp: 11425

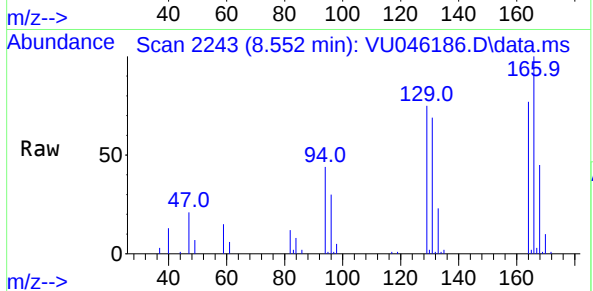
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.7	82.9
83	78.0	60.2	111.8
85	57.0	39.3	73.1





#46
Tetrachloroethene
Concen: 21.478 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME



Tgt Ion:164 Resp: 29517

Ion	Ratio	Lower	Upper
164	100		
129	96.4	71.1	132.1
131	88.6	67.8	126.0
166	129.3	90.6	168.2

