

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045207.D
 Acq On : 07 Oct 2021 13:18
 Operator : SY/MD
 Sample : M4025-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP4

Quant Time: Oct 07 21:37:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

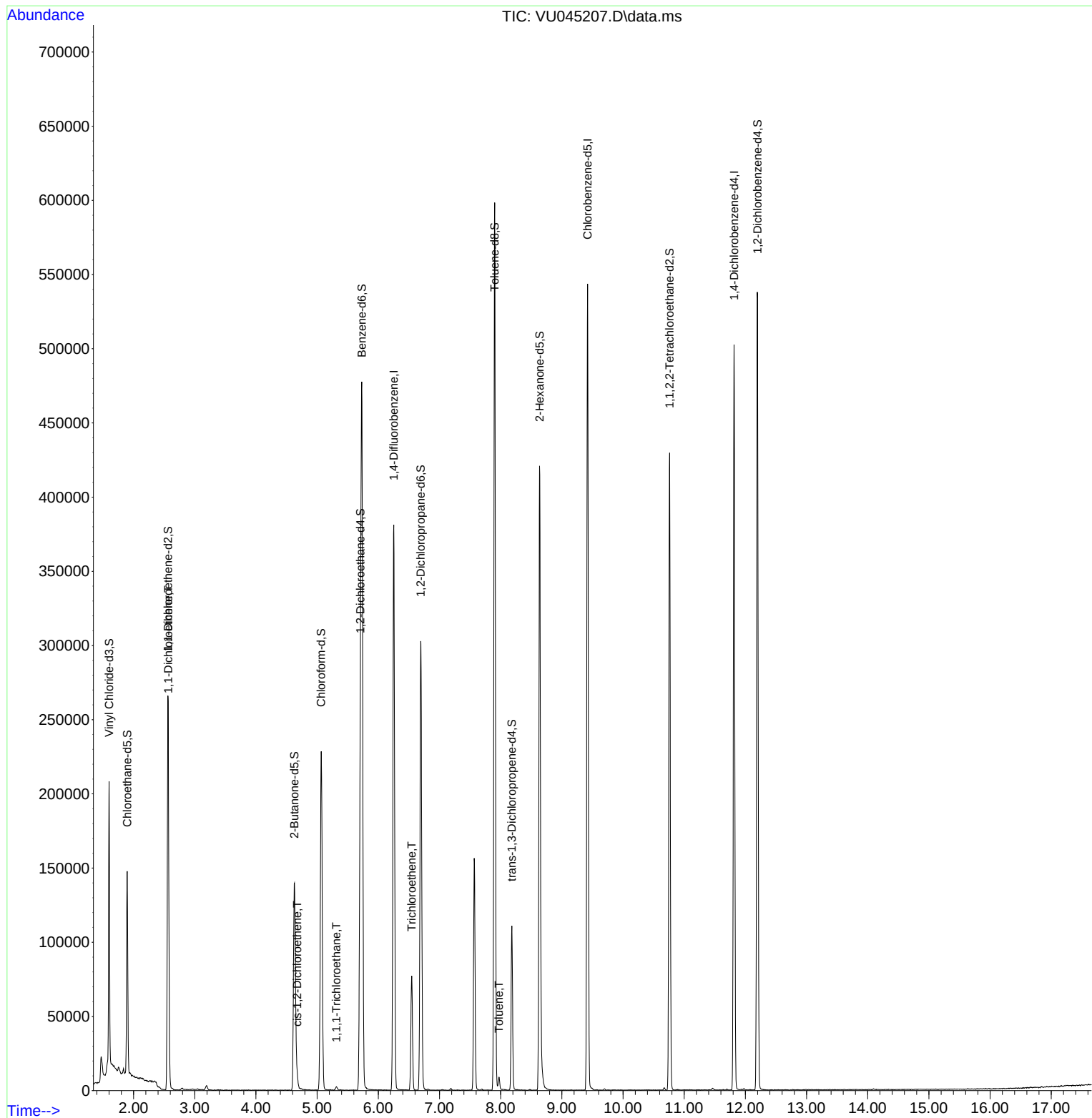
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	295384	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	281303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	124115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120748	37.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.680%
7) Chloroethane-d5	1.896	69	103827	40.519	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.040%
11) 1,1-Dichloroethene-d2	2.562	63	161029	29.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.300%#
21) 2-Butanone-d5	4.629	46	200311	78.357	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.360%
24) Chloroform-d	5.067	84	205991	40.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.660%
26) 1,2-Dichloroethane-d4	5.706	65	146641	42.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.780%
32) Benzene-d6	5.732	84	422807	43.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
36) 1,2-Dichloropropane-d6	6.694	67	136736	42.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.920%
41) Toluene-d8	7.902	98	378762	44.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.920%
43) trans-1,3-Dichloroprop...	8.182	79	58207	41.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.220%
47) 2-Hexanone-d5	8.636	63	146621	83.128	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.130%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211240	42.622	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.240%
66) 1,2-Dichlorobenzene-d4	12.198	152	133381	49.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.760%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	2480	1.084	ug/L #	1
20) cis-1,2-Dichloroethene	4.674	96	2694	1.015	ug/L	86
30) 1,1,1-Trichloroethane	5.314	97	1763	0.453	ug/L	99
34) Trichloroethene	6.546	95	26060	10.399	ug/L	98
42) Toluene	7.973	91	5999	0.566	ug/L	97

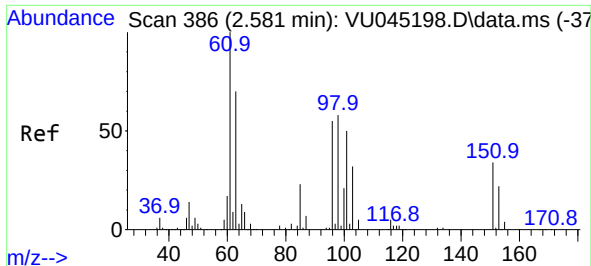
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.084 ug/L

RT: 2.568 min Scan# 382

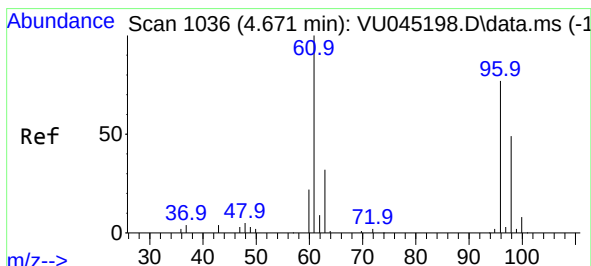
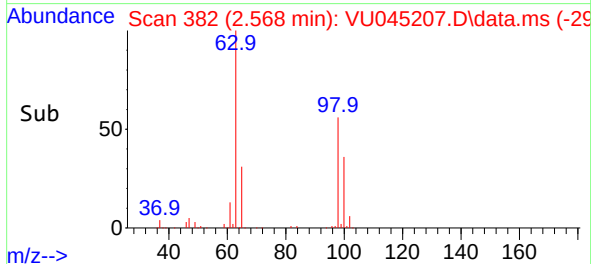
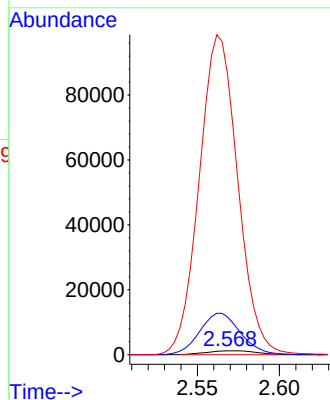
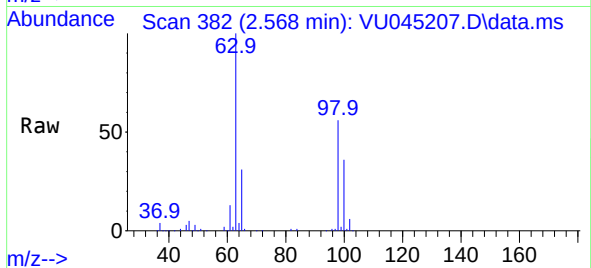
Delta R.T. -0.013 min

Lab File: VU045207.D

Acq: 07 Oct 2021 13:18

Instrument :
MSVOA_U
ClientSampled :
C0AP4

Tgt Ion: 96 Resp: 2480
Ion Ratio Lower Upper
96 100
61 995.1 131.3 243.9#
63 7400.9 102.5 190.3#



#20

cis-1,2-Dichloroethene

Concen: 1.015 ug/L

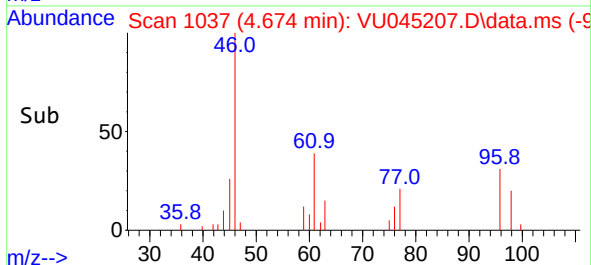
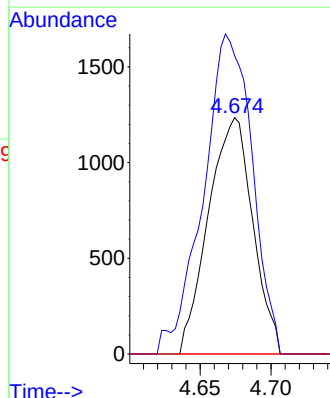
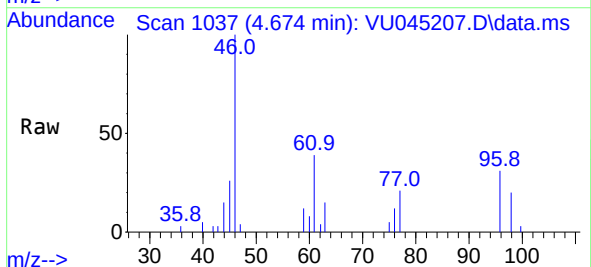
RT: 4.674 min Scan# 1037

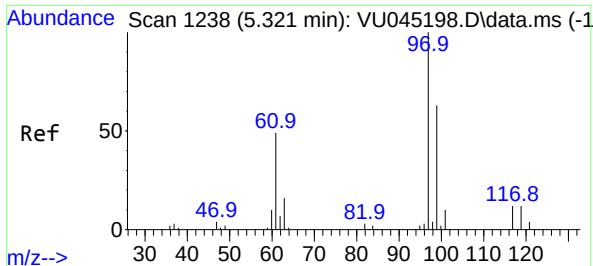
Delta R.T. 0.003 min

Lab File: VU045207.D

Acq: 07 Oct 2021 13:18

Tgt Ion: 96 Resp: 2694
Ion Ratio Lower Upper
96 100
61 126.2 100.2 186.0
68 0.0 0.0 0.0



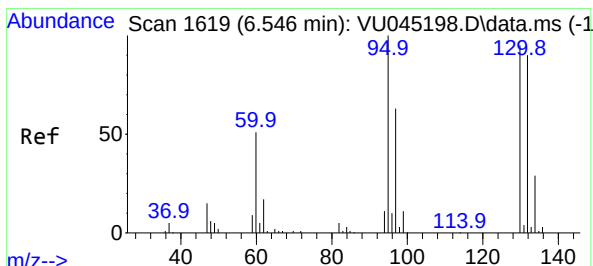
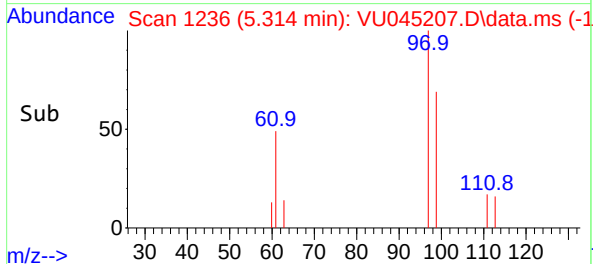
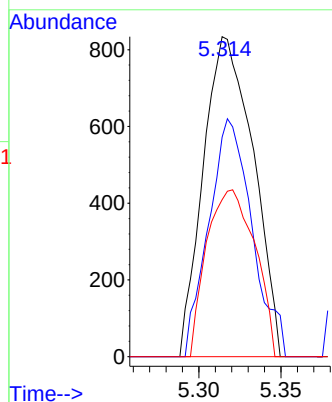
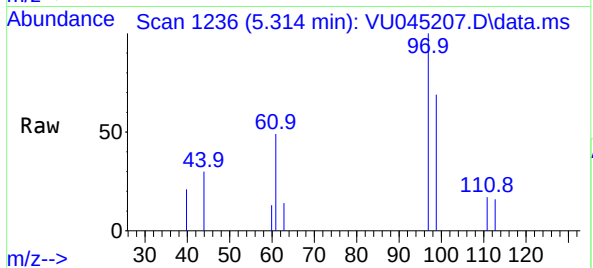


#30
1,1,1-Trichloroethane
Concen: 0.453 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.006 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Instrument :
MSVOA_U
ClientSampled :
C0AP4

Tgt Ion: 97 Resp: 1763

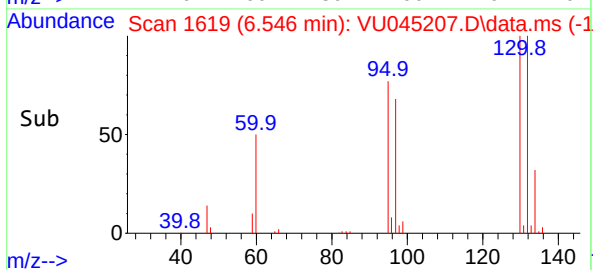
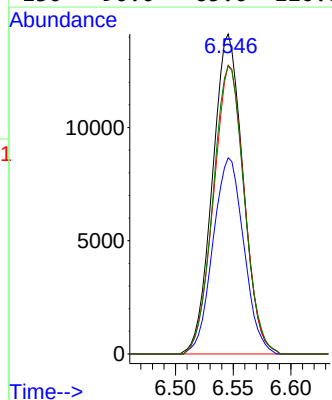
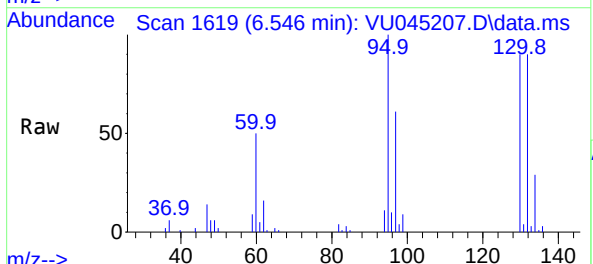
Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.6	75.8
61	50.4	41.3	61.9

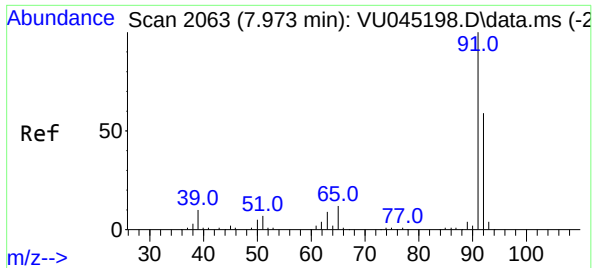


#34
Trichloroethene
Concen: 10.399 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Tgt Ion: 95 Resp: 26060

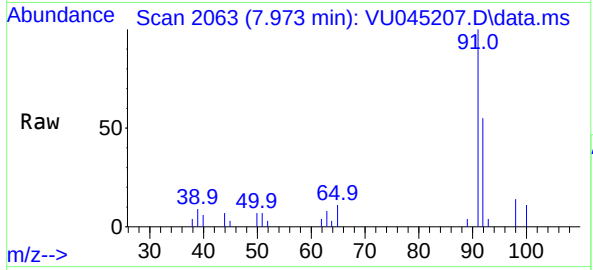
Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.4	82.4
132	90.3	62.9	116.9
130	90.0	65.0	120.8





#42
Toluene
Concen: 0.566 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Instrument :
MSVOA_U
ClientSampleId :
C0AP4



Tgt Ion: 91 Resp: 5999
Ion Ratio Lower Upper
91 100
92 55.3 40.5 75.1

