

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045213.D
 Acq On : 07 Oct 2021 15:41
 Operator : SY/MD
 Sample : M4025-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN8

Quant Time: Oct 07 21:38:22 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)

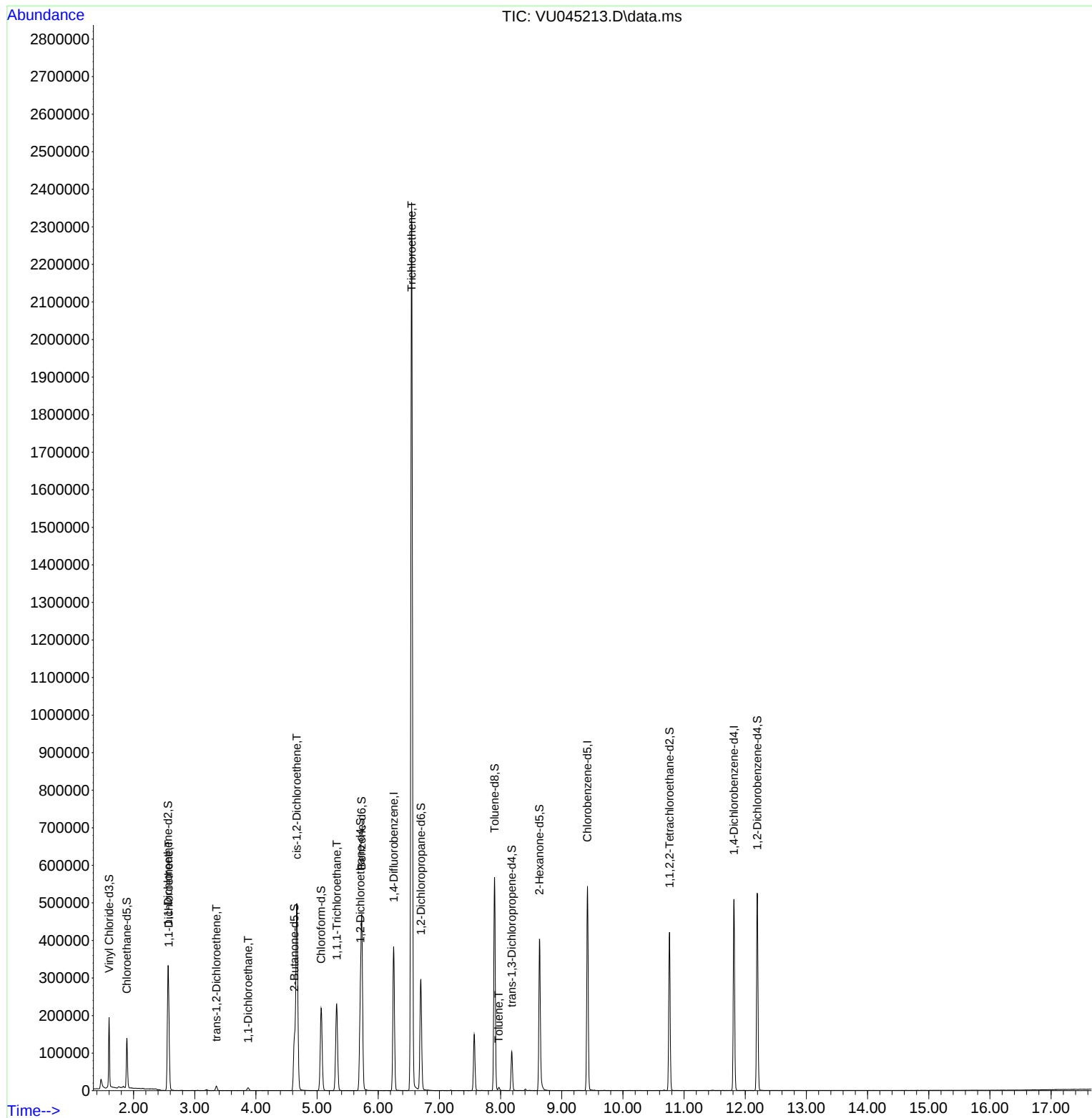
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	295876	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	284450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	125097	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	116628	36.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.020%
7) Chloroethane-d5	1.890	69	100041	38.977	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.960%
11) 1,1-Dichloroethene-d2	2.562	63	178647	32.843	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.680%
21) 2-Butanone-d5	4.629	46	195145	76.209	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.210%
24) Chloroform-d	5.066	84	196902	38.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.980%
26) 1,2-Dichloroethane-d4	5.706	65	141635	40.874	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.740%
32) Benzene-d6	5.729	84	416143	42.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.320%
36) 1,2-Dichloropropane-d6	6.697	67	132919	41.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.600%
41) Toluene-d8	7.902	98	360578	42.332	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.660%
43) trans-1,3-Dichloroprop...	8.182	79	55484	38.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.520%
47) 2-Hexanone-d5	8.635	63	140499	78.776	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.780%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	204731	40.851	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.700%
66) 1,2-Dichlorobenzene-d4	12.198	152	127242	46.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	47525	20.742	ug/L	# 79
17) trans-1,2-Dichloroethene	3.353	96	4692	1.944	ug/L	93
19) 1,1-Dichloroethane	3.874	63	8825	1.758	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	248453	93.416	ug/L	90
30) 1,1,1-Trichloroethane	5.320	97	162656	41.309	ug/L	99
34) Trichloroethene	6.545	95	796243	314.220	ug/L	99
42) Toluene	7.970	91	5677	0.530	ug/L	98

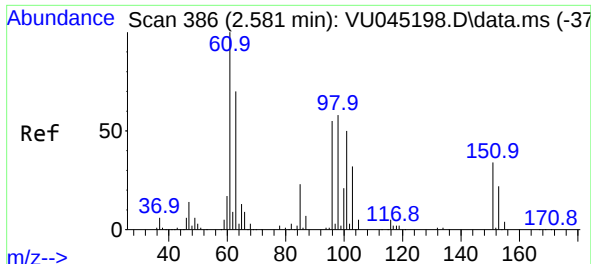
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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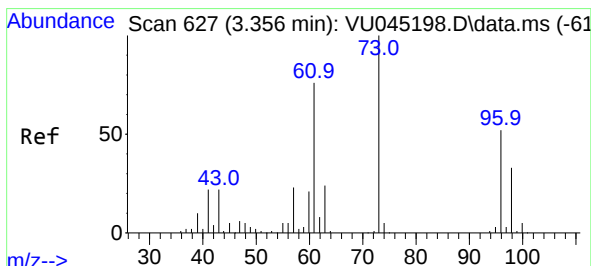
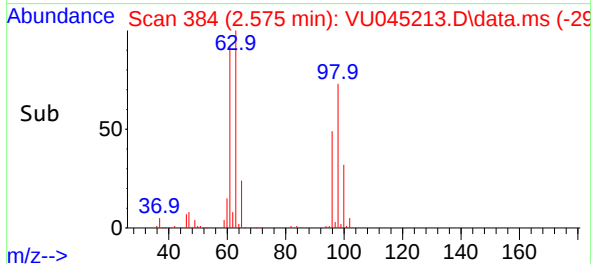
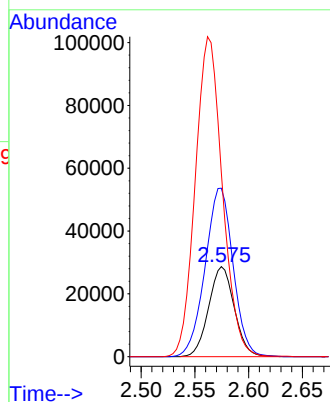
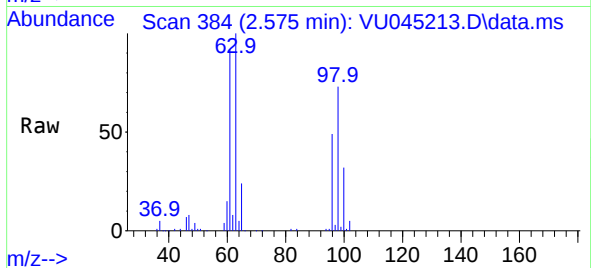




#12
1,1-Dichloroethene
Concen: 20.742 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU045213.D
Acq: 07 Oct 2021 15:41

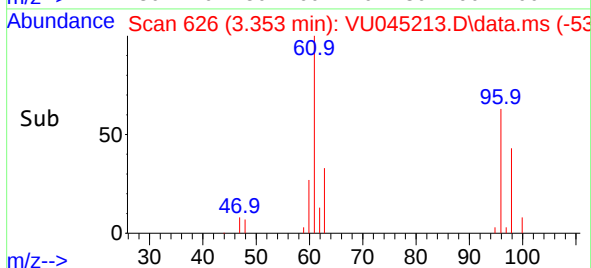
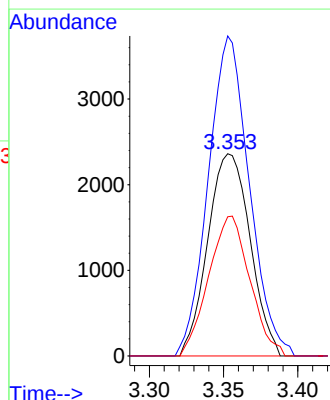
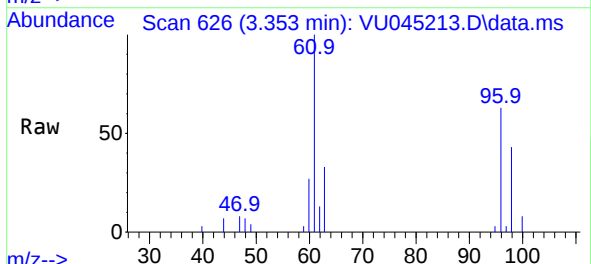
Instrument :
MSVOA_U
ClientSampleId :
C0AN8

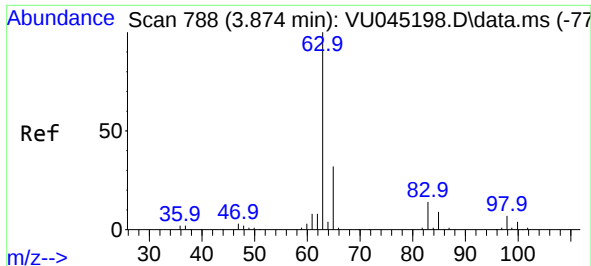
Tgt Ion: 96 Resp: 47525
Ion Ratio Lower Upper
96 100
61 187.0 131.3 243.9
63 204.3 102.5 190.3#



#17
trans-1,2-Dichloroethene
Concen: 1.944 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045213.D
Acq: 07 Oct 2021 15:41

Tgt Ion: 96 Resp: 4692
Ion Ratio Lower Upper
96 100
61 158.2 105.1 195.3
98 68.8 43.0 79.8

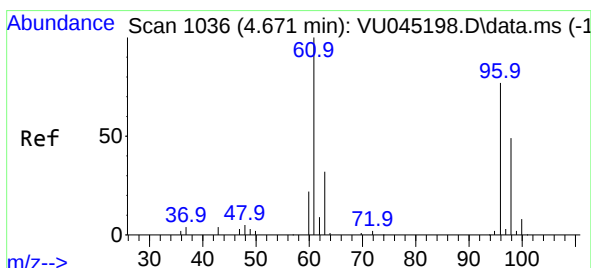
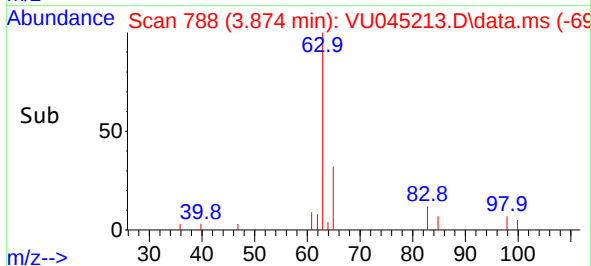
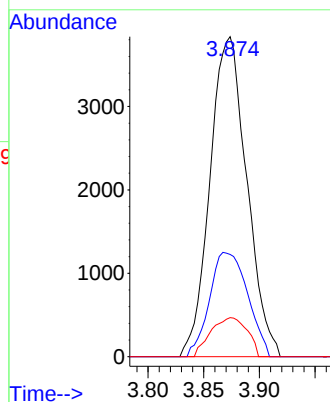
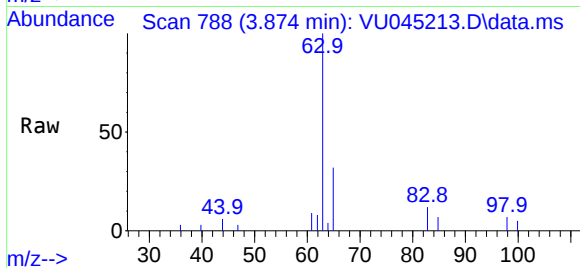




#19
1,1-Dichloroethane
Concen: 1.758 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU045213.D
Acq: 07 Oct 2021 15:41

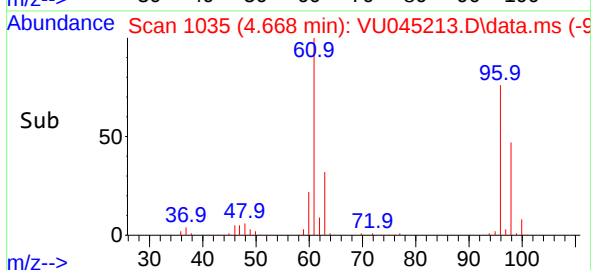
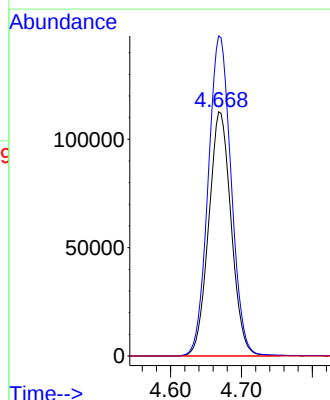
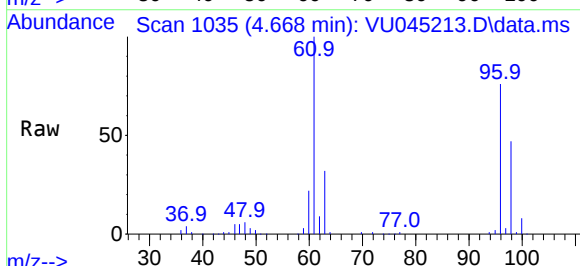
Instrument :
MSVOA_U
ClientSampleId :
C0AN8

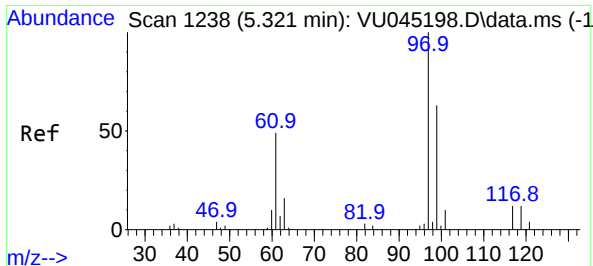
Tgt Ion:	63	Resp:	8825
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.0	40.8
83	12.2	9.0	16.6



#20
cis-1,2-Dichloroethene
Concen: 93.416 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045213.D
Acq: 07 Oct 2021 15:41

Tgt Ion:	96	Resp:	248453
Ion	Ratio	Lower	Upper
96	100		
61	131.1	100.2	186.0
68	0.0	0.0	0.0



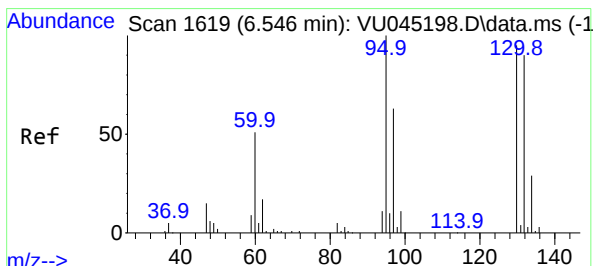
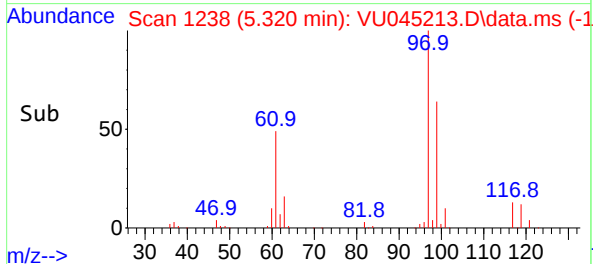
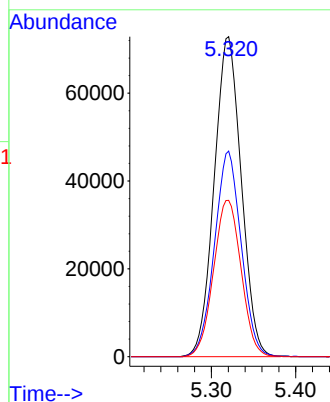
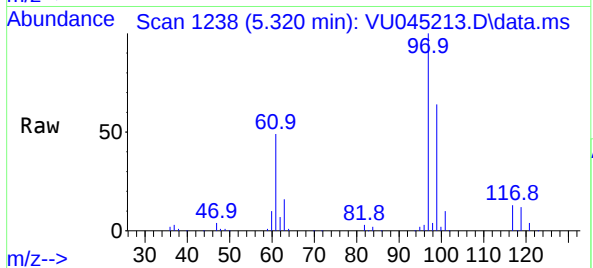


#30
1,1,1-Trichloroethane
Concen: 41.309 ug/L
RT: 5.320 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045213.D
Acq: 07 Oct 2021 15:41

Instrument :
MSVOA_U
ClientSampleId :
C0AN8

Tgt Ion: 97 Resp: 162656

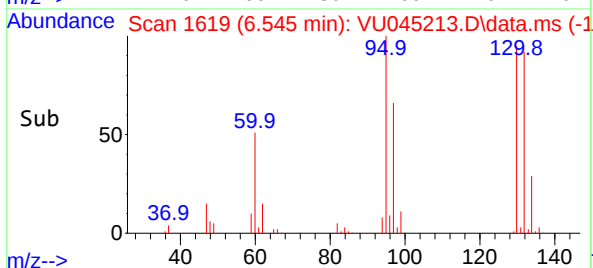
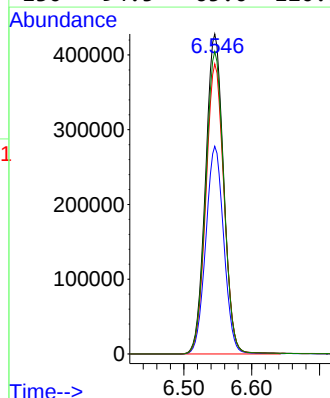
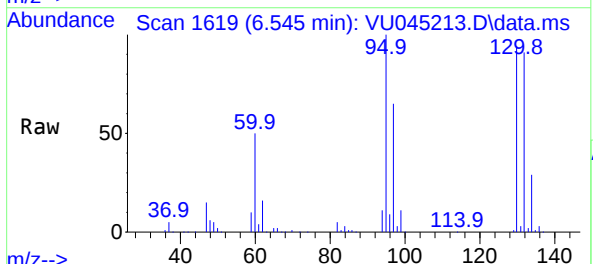
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	75.8
61	49.8	41.3	61.9

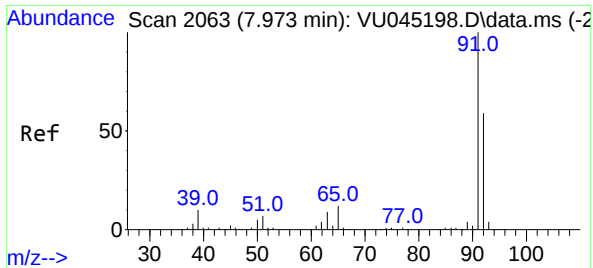


#34
Trichloroethene
Concen: 314.220 ug/L
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045213.D
Acq: 07 Oct 2021 15:41

Tgt Ion: 95 Resp: 796243

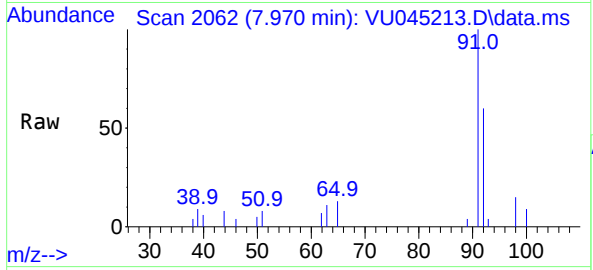
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	90.7	62.9	116.9
130	94.5	65.0	120.8





#42
Toluene
Concen: 0.530 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045213.D
Acq: 07 Oct 2021 15:41

Instrument :
MSVOA_U
ClientSampleId :
C0AN8



Tgt Ion: 91 Resp: 5677
Ion Ratio Lower Upper
91 100
92 59.5 40.5 75.1

