

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045225.D
 Acq On : 07 Oct 2021 22:16
 Operator : SY/MD
 Sample : M4023-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK4

Quant Time: Oct 08 02:12:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

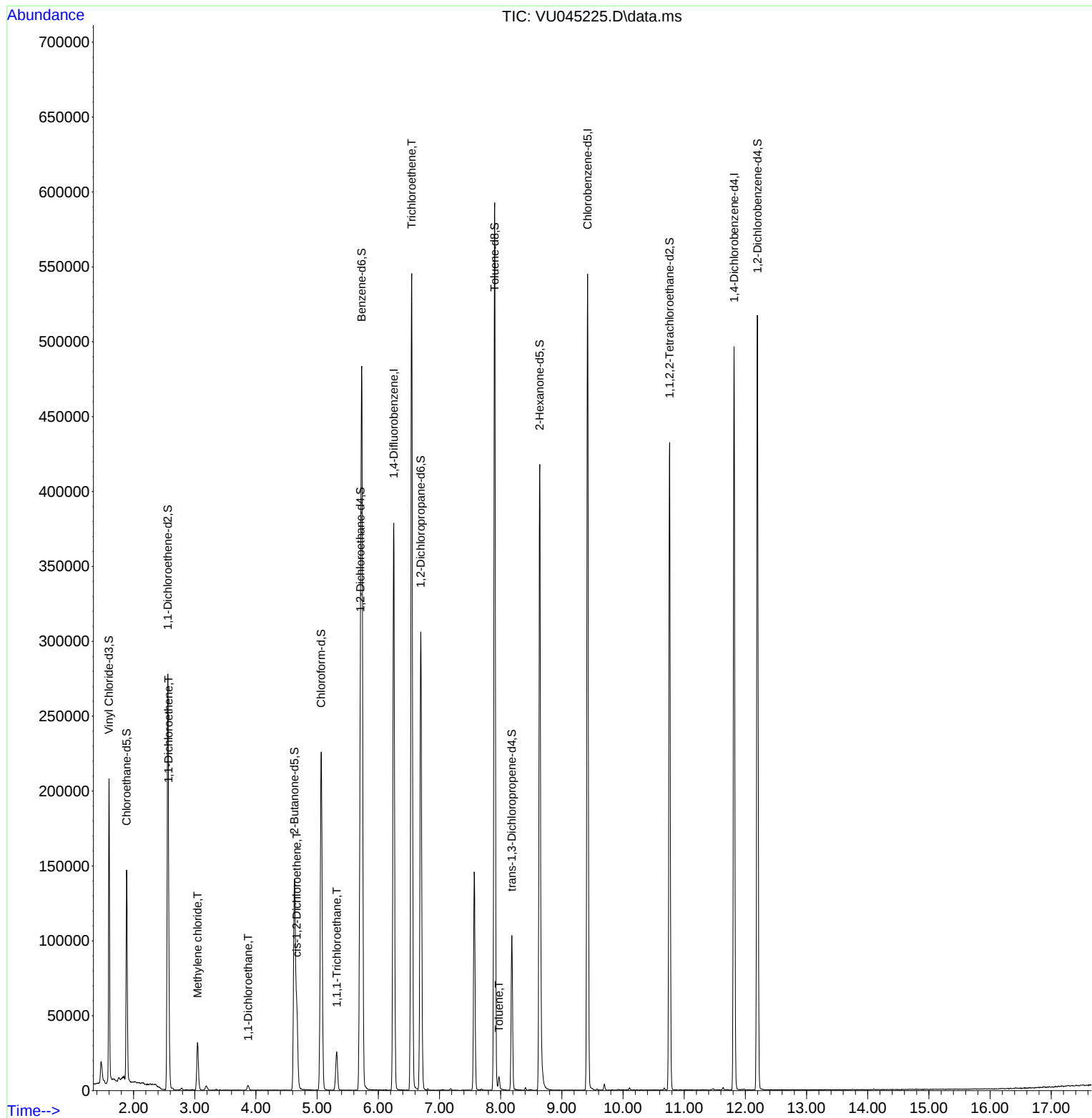
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291829	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	283091	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121659	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	132771	41.560	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	83.120%	
7) Chloroethane-d5	1.887	69	106390	42.025	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	84.060%	
11) 1,1-Dichloroethene-d2	2.559	63	167734	31.265	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.520%	
21) 2-Butanone-d5	4.629	46	202745	80.275	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	80.280%	
24) Chloroform-d	5.067	84	205827	40.793	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.580%	
26) 1,2-Dichloroethane-d4	5.707	65	146246	42.790	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.580%	
32) Benzene-d6	5.729	84	433359	44.116	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.240%	
36) 1,2-Dichloropropane-d6	6.694	67	136551	42.632	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	85.260%	
41) Toluene-d8	7.903	98	369214	43.554	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.100%	
43) trans-1,3-Dichloroprop...	8.182	79	53778	37.745	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.480%	
47) 2-Hexanone-d5	8.636	63	144321	81.307	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	81.310%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211877	42.480	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	84.960%	
66) 1,2-Dichlorobenzene-d4	12.198	152	127506	48.158	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.320%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.572	96	9264	4.099	ug/L	# 1
16) Methylene chloride	3.044	84	15388	5.375	ug/L	94
19) 1,1-Dichloroethane	3.871	63	3967	0.801	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	22933	8.742	ug/L	93
30) 1,1,1-Trichloroethane	5.321	97	18150	4.632	ug/L	99
34) Trichloroethene	6.546	95	186489	73.947	ug/L	99
42) Toluene	7.973	91	5890	0.552	ug/L	95

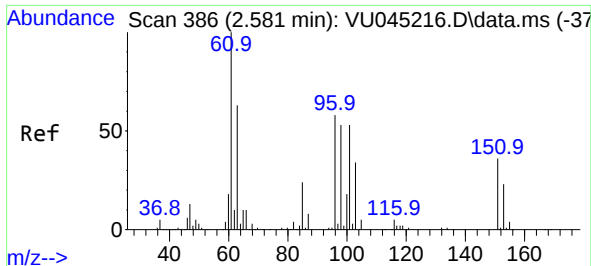
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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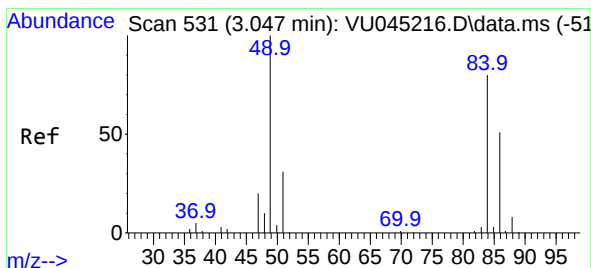
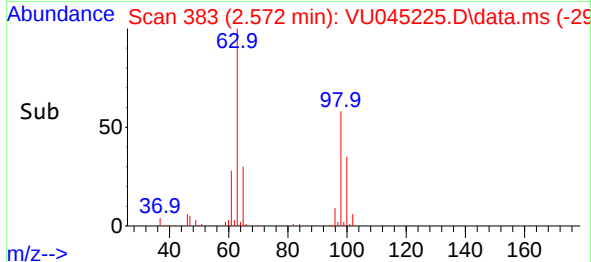
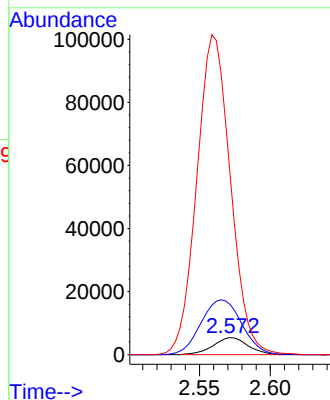
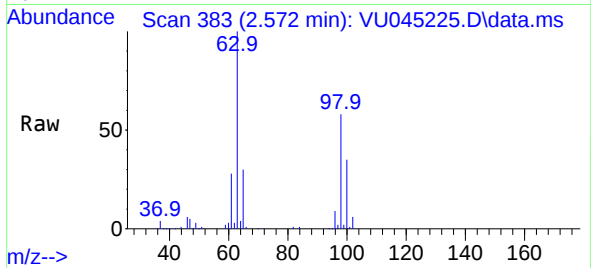




#12
1,1-Dichloroethene
Concen: 4.099 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU045225.D
Acq: 07 Oct 2021 22:16

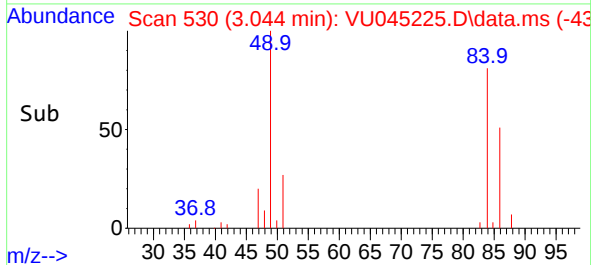
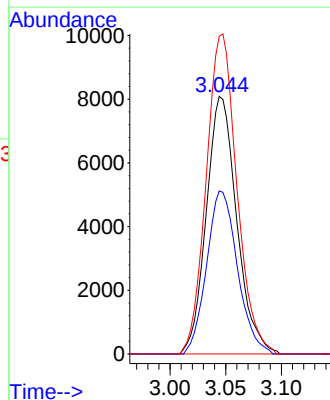
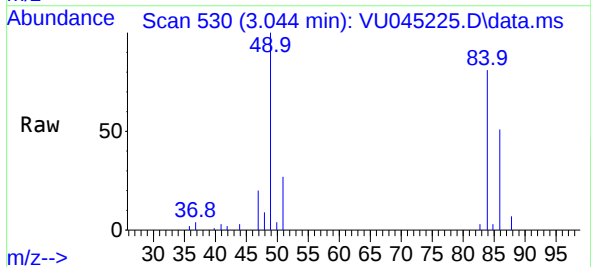
Instrument :
MSVOA_U
ClientSampled :
C0AK4

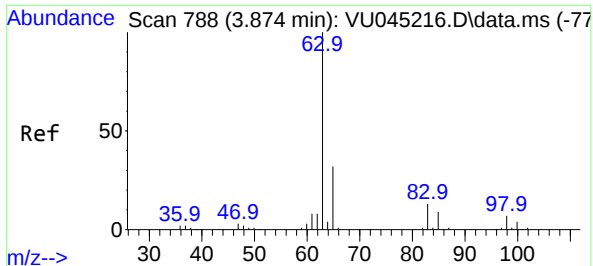
Tgt Ion: 96 Resp: 9264
Ion Ratio Lower Upper
96 100
61 293.9 131.3 243.9#
63 1053.0 102.5 190.3#



#16
Methylene chloride
Concen: 5.375 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045225.D
Acq: 07 Oct 2021 22:16

Tgt Ion: 84 Resp: 15388
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 123.4 92.9 172.5



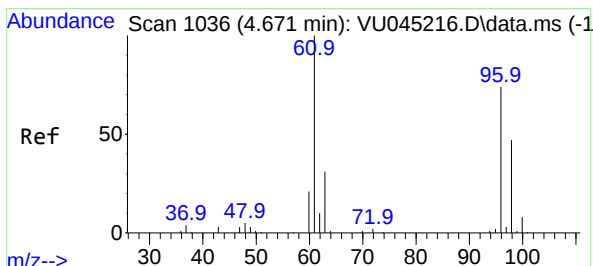
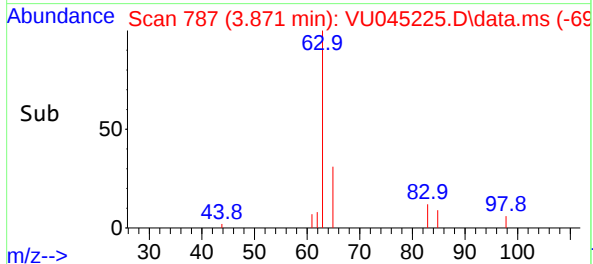
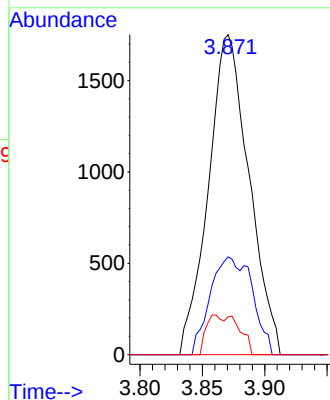
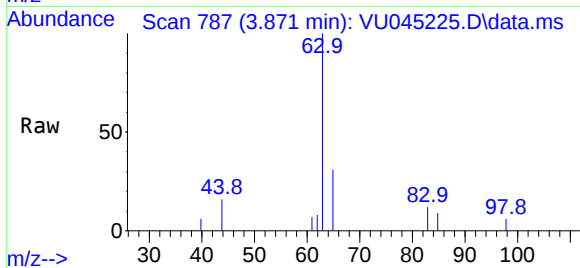


#19

1,1-Dichloroethane
Concen: 0.801 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU045225.D
Acq: 07 Oct 2021 22:16

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

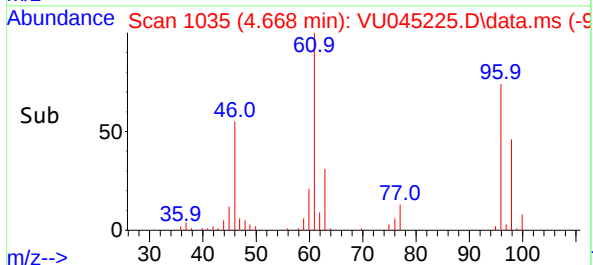
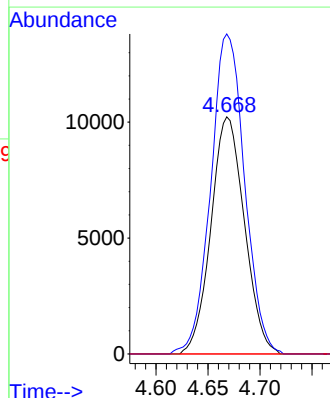
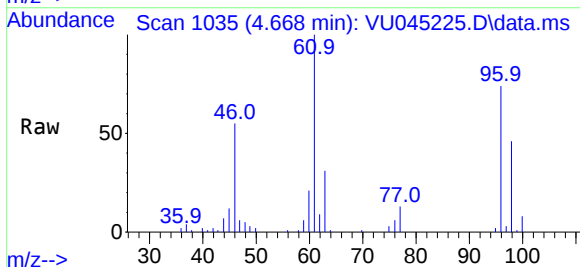
Tgt Ion:	63	Resp:	3967
Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.0	40.8
83	11.8	9.0	16.6

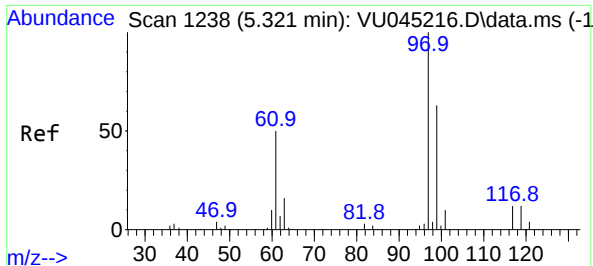


#20

cis-1,2-Dichloroethene
Concen: 8.742 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045225.D
Acq: 07 Oct 2021 22:16

Tgt Ion:	96	Resp:	22933
Ion	Ratio	Lower	Upper
96	100		
61	134.9	100.2	186.0
68	0.0	0.0	0.0



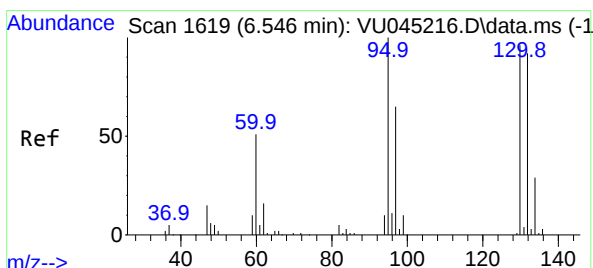
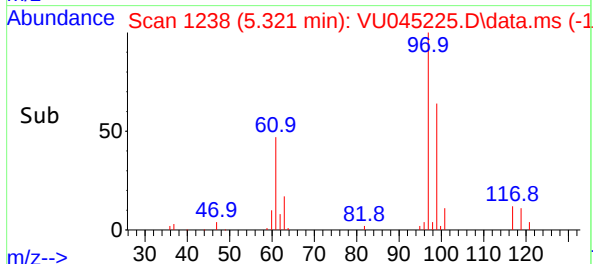
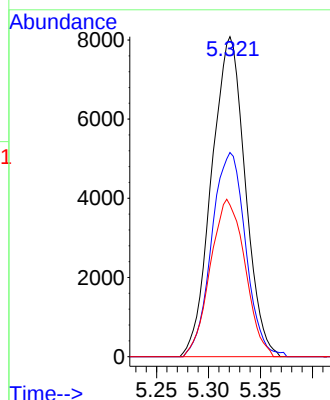
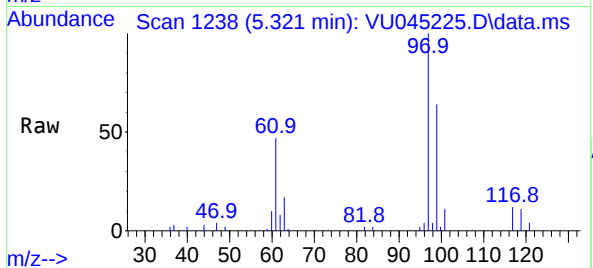


#30
1,1,1-Trichloroethane
Concen: 4.632 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045225.D
Acq: 07 Oct 2021 22:16

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Tgt Ion: 97 Resp: 18150

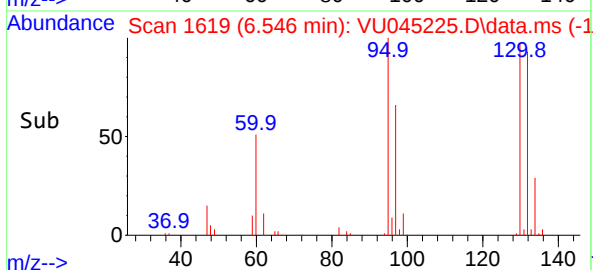
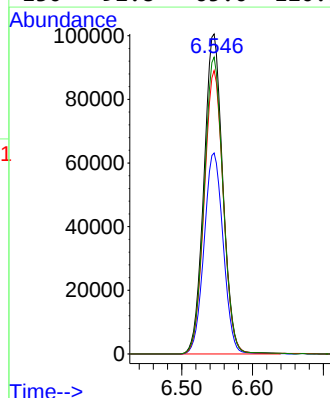
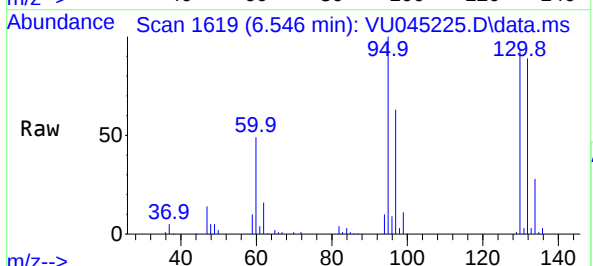
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	75.8
61	50.9	41.3	61.9

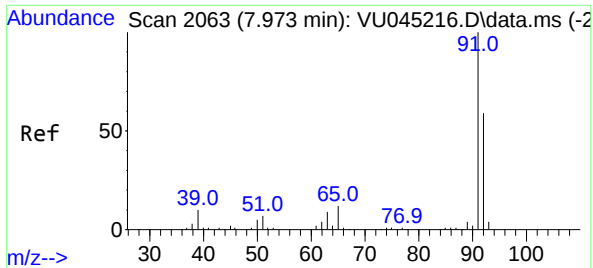


#34
Trichloroethene
Concen: 73.947 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045225.D
Acq: 07 Oct 2021 22:16

Tgt Ion: 95 Resp: 186489

Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.4	82.4
132	88.6	62.9	116.9
130	92.8	65.0	120.8





#42
Toluene
Concen: 0.552 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045225.D
Acq: 07 Oct 2021 22:16

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Tgt Ion: 91 Resp: 5890
Ion Ratio Lower Upper
91 100
92 61.2 40.5 75.1

