

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045224.D
 Acq On : 07 Oct 2021 21:52
 Operator : SY/MD
 Sample : M4023-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK3

Quant Time: Oct 07 22:21:10 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)

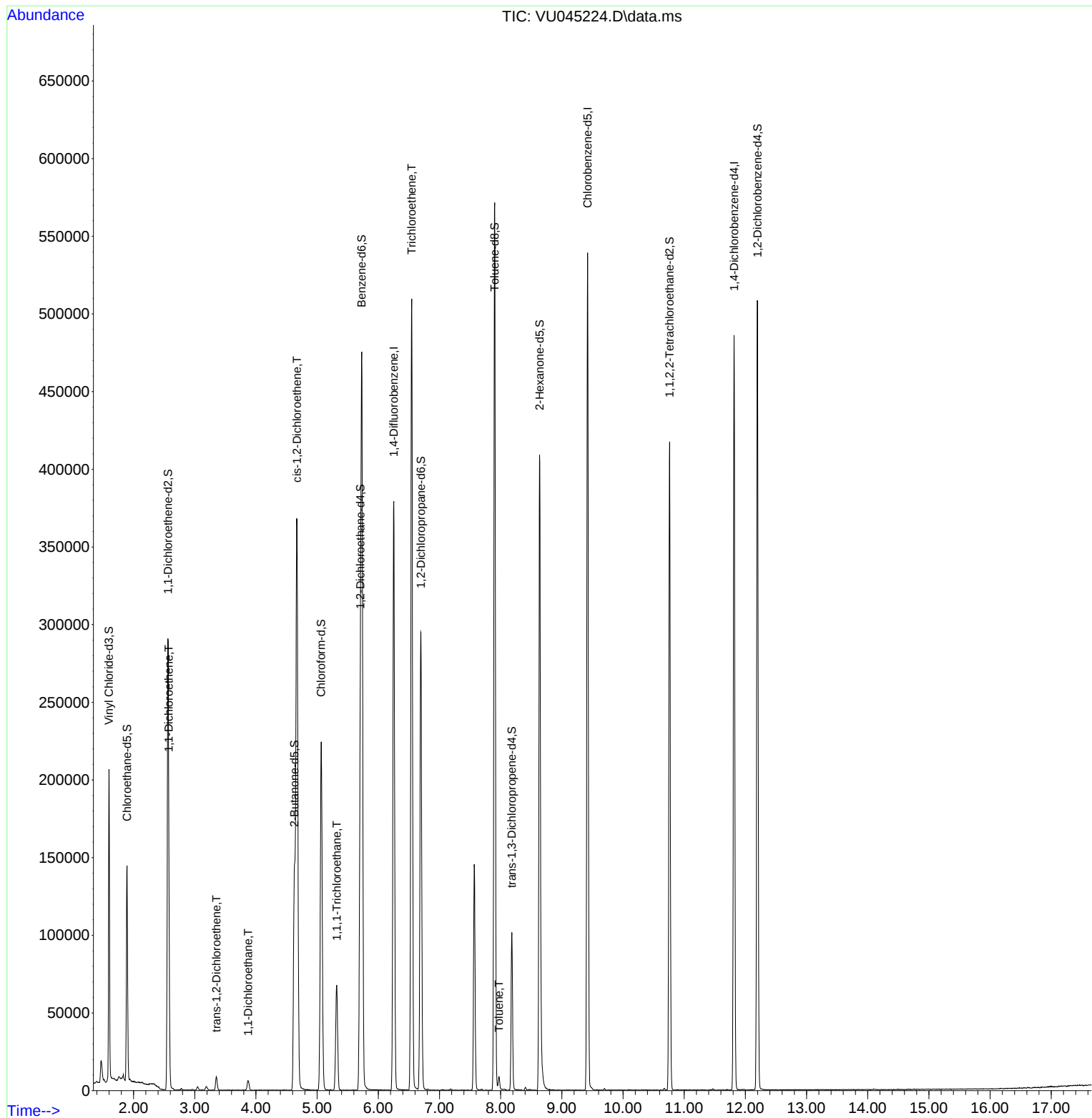
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	292870	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	281148	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	119614	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	130685	40.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.520%
7) Chloroethane-d5	1.893	69	105556	41.548	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.100%
11) 1,1-Dichloroethene-d2	2.562	63	172205	31.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.960%
21) 2-Butanone-d5	4.626	46	198042	78.134	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.130%
24) Chloroform-d	5.067	84	201595	39.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.620%
26) 1,2-Dichloroethane-d4	5.707	65	143658	41.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.760%
32) Benzene-d6	5.729	84	421101	43.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.320%
36) 1,2-Dichloropropane-d6	6.697	67	134503	42.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.560%
41) Toluene-d8	7.903	98	366761	43.563	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.120%
43) trans-1,3-Dichloroprop...	8.182	79	53820	38.035	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.080%
47) 2-Hexanone-d5	8.636	63	140488	79.695	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.690%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	203125	41.007	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.020%
66) 1,2-Dichlorobenzene-d4	12.198	152	125187	48.091	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	19712	8.692	ug/L	# 1
17) trans-1,2-Dichloroethene	3.353	96	3528	1.477	ug/L	91
19) 1,1-Dichloroethane	3.871	63	7621	1.533	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	181990	69.129	ug/L	93
30) 1,1,1-Trichloroethane	5.321	97	47729	12.264	ug/L	98
34) Trichloroethene	6.546	95	173103	69.114	ug/L	98
42) Toluene	7.973	91	5809	0.548	ug/L	92

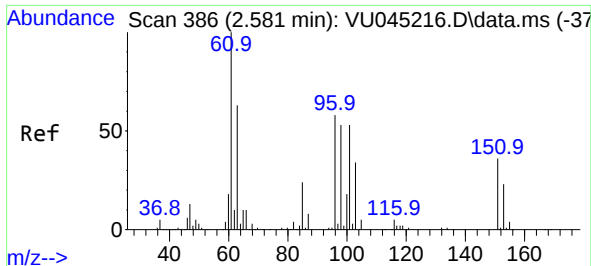
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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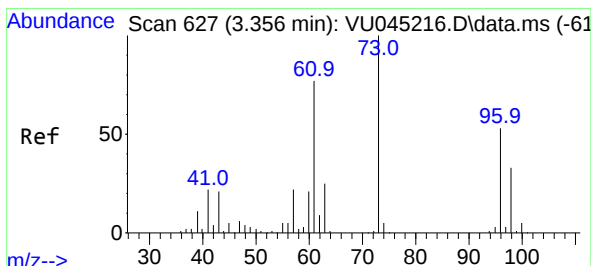
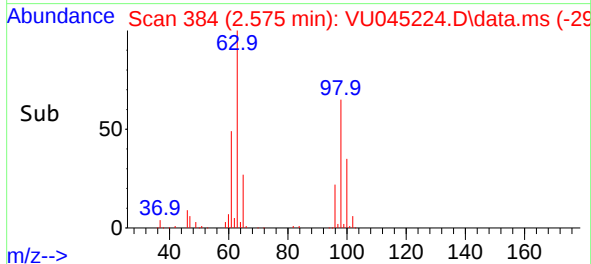
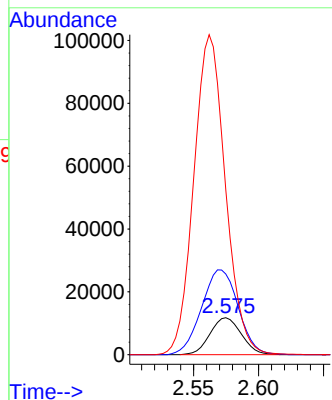
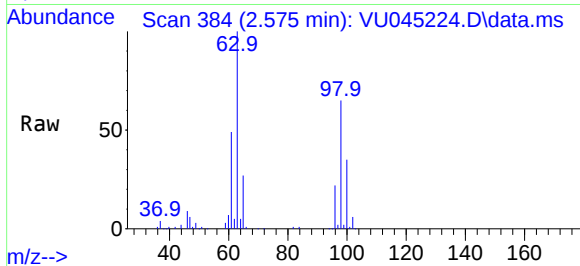




#12
1,1-Dichloroethene
Concen: 8.692 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU045224.D
Acq: 07 Oct 2021 21:52

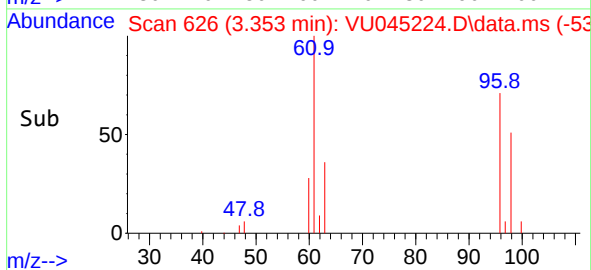
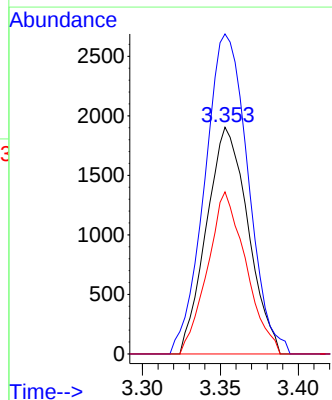
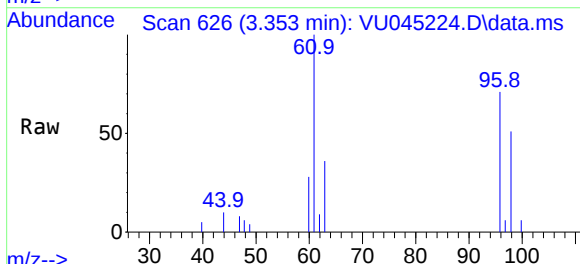
Instrument :
MSVOA_U
ClientSampleId :
C0AK3

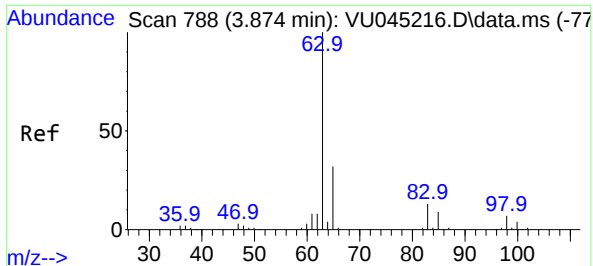
Tgt Ion: 96 Resp: 19712
Ion Ratio Lower Upper
96 100
61 218.3 131.3 243.9
63 446.3 102.5 190.3#



#17
trans-1,2-Dichloroethene
Concen: 1.477 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045224.D
Acq: 07 Oct 2021 21:52

Tgt Ion: 96 Resp: 3528
Ion Ratio Lower Upper
96 100
61 141.2 105.1 195.3
98 71.5 43.0 79.8





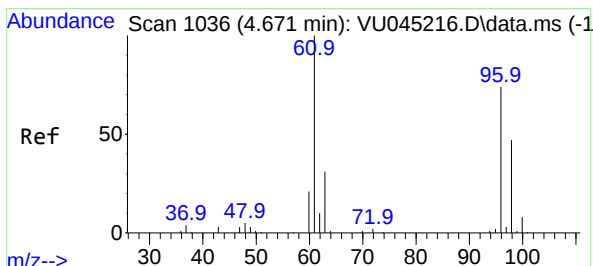
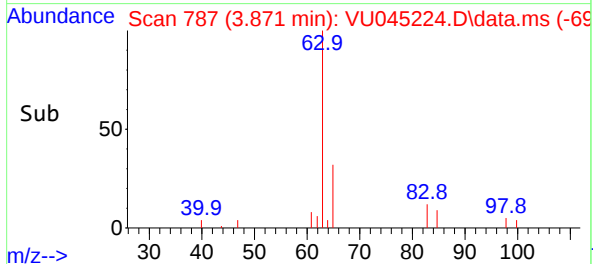
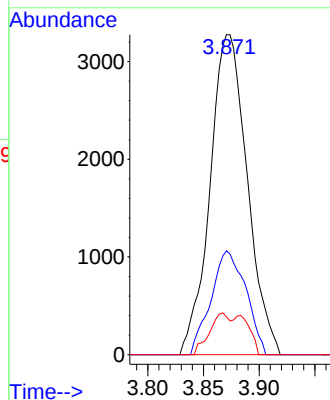
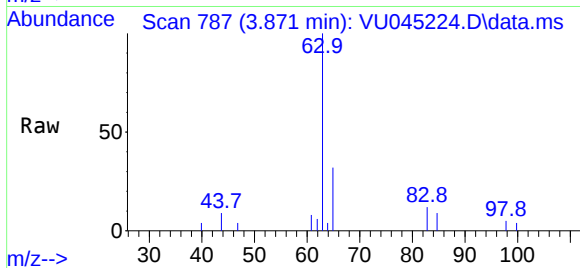
#19

1,1-Dichloroethane
Concen: 1.533 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU045224.D
Acq: 07 Oct 2021 21:52

Instrument :
MSVOA_U
ClientSampleId :
C0AK3

Tgt Ion: 63 Resp: 7621

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.0	40.8
83	11.9	9.0	16.6

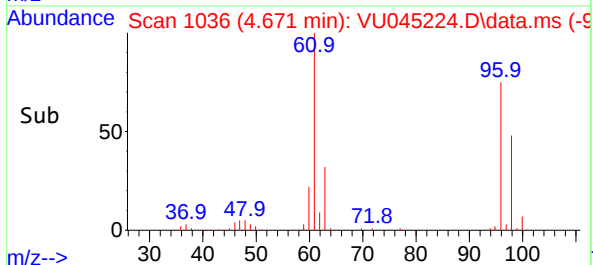
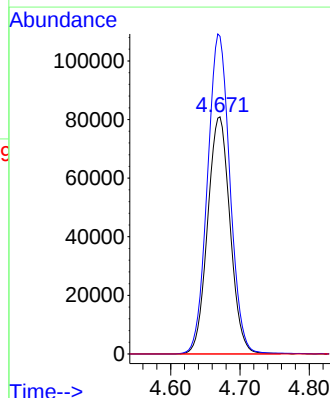
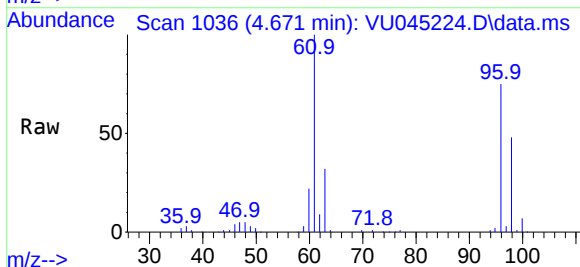


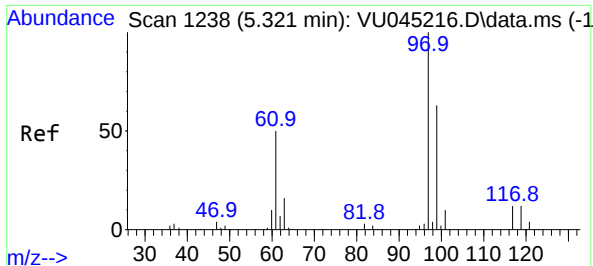
#20

cis-1,2-Dichloroethene
Concen: 69.129 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045224.D
Acq: 07 Oct 2021 21:52

Tgt Ion: 96 Resp: 181990

Ion	Ratio	Lower	Upper
96	100		
61	134.0	100.2	186.0
68	0.0	0.0	0.0



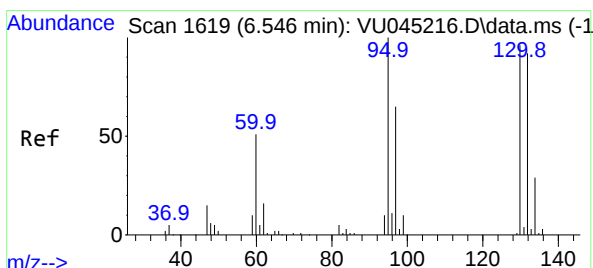
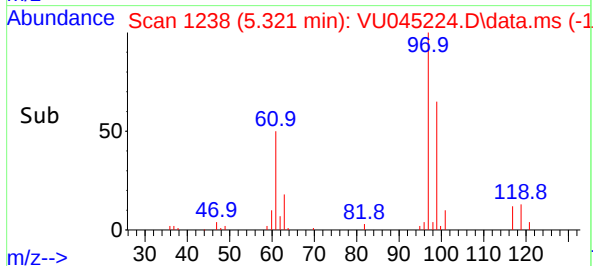
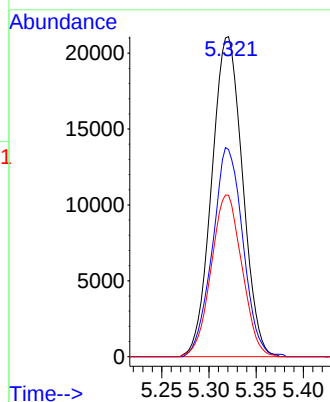
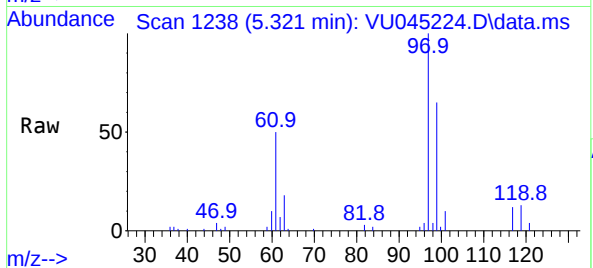


#30
1,1,1-Trichloroethane
Concen: 12.264 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045224.D
Acq: 07 Oct 2021 21:52

Instrument :
MSVOA_U
ClientSampleId :
C0AK3

Tgt Ion: 97 Resp: 47729

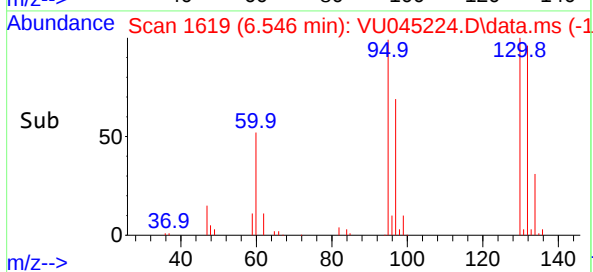
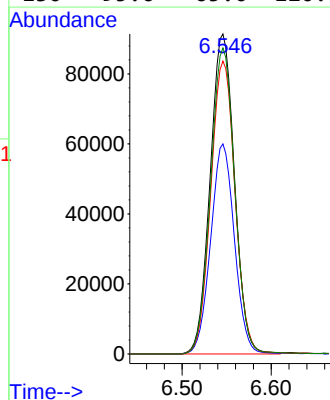
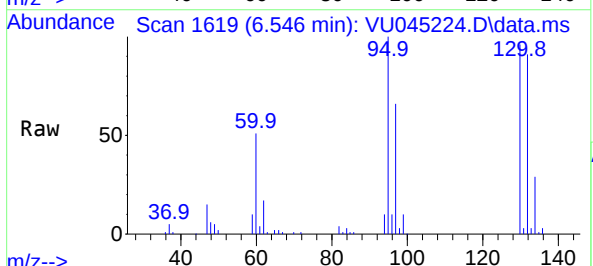
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	75.8
61	50.6	41.3	61.9

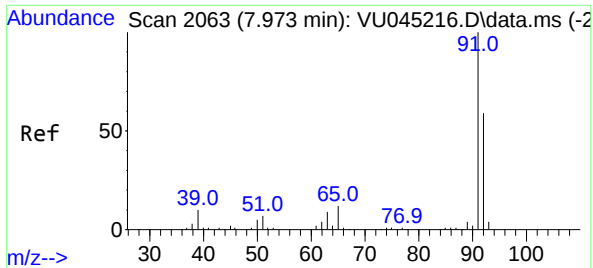


#34
Trichloroethene
Concen: 69.114 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045224.D
Acq: 07 Oct 2021 21:52

Tgt Ion: 95 Resp: 173103

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.4
132	91.5	62.9	116.9
130	95.6	65.0	120.8





#42
Toluene
Concen: 0.548 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045224.D
Acq: 07 Oct 2021 21:52

Instrument :
MSVOA_U
ClientSampleId :
C0AK3

Tgt Ion: 91 Resp: 5809
Ion Ratio Lower Upper
91 100
92 63.5 40.5 75.1

