

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044810.D
 Acq On : 24 Sep 2021 14:24
 Operator : SY/MD
 Sample : M3873-12DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 EW7Y1DL

Quant Time: Sep 25 02:39:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

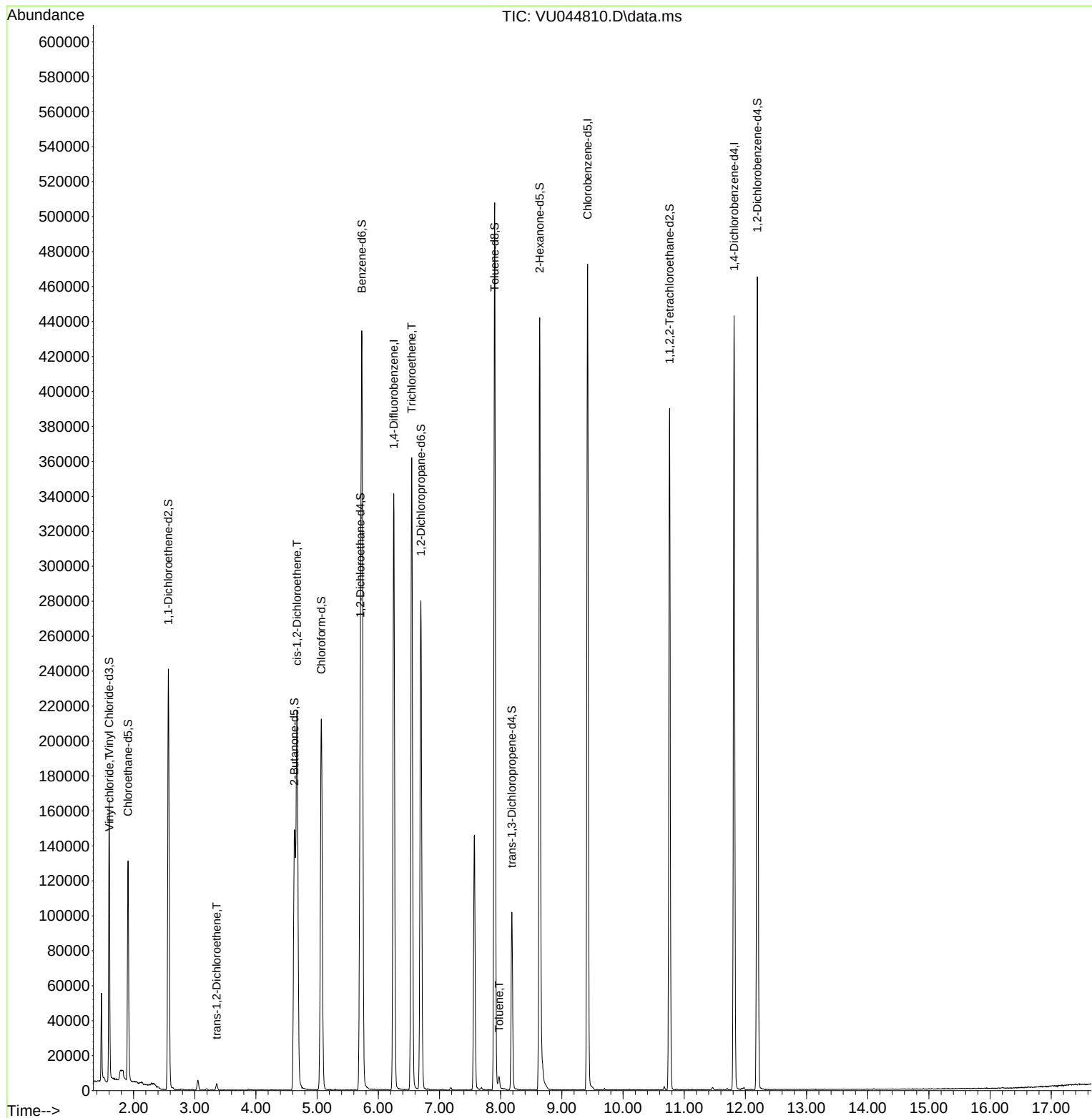
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	258101	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	245797	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	108683	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	109114	38.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.240%
7) Chloroethane-d5	1.909	69	93763	41.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.760%
11) 1,1-Dichloroethene-d2	2.568	63	144556	30.466	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.940%
21) 2-Butanone-d5	4.629	46	222342	99.539	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.540%
24) Chloroform-d	5.070	84	190559	42.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.707	65	136424	45.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.260%
32) Benzene-d6	5.732	84	383594	44.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	6.697	67	128426	46.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.360%
41) Toluene-d8	7.903	98	315981	42.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.860%
43) trans-1,3-Dichloroprop...	8.182	79	53623	43.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.700%
47) 2-Hexanone-d5	8.639	63	151131	98.062	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.060%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	191649	44.255	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.500%
66) 1,2-Dichlorobenzene-d4	12.195	152	113765	48.099	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	4394	1.456	ug/L	# 11
17) trans-1,2-Dichloroethene	3.359	96	1461	0.694	ug/L	86
20) cis-1,2-Dichloroethene	4.671	96	102238	44.067	ug/L	98
34) Trichloroethene	6.546	95	120916	55.221	ug/L	98
42) Toluene	7.977	91	4855	0.524	ug/L	95

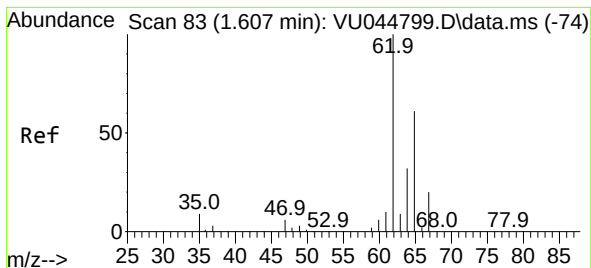
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.456 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044810.D

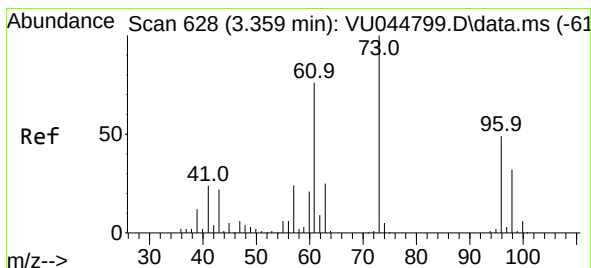
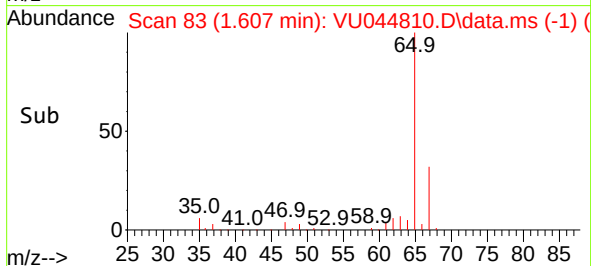
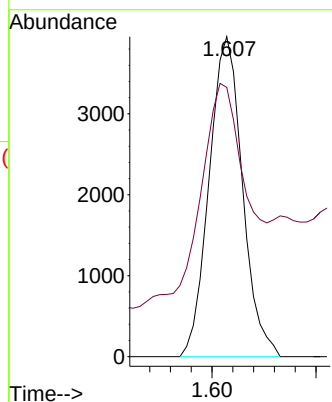
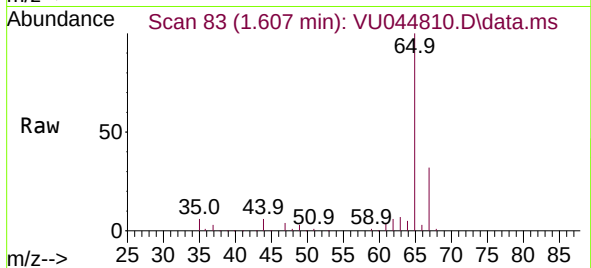
Acq: 24 Sep 2021 14:24

Tgt Ion: 62 Resp: 4394

Ion Ratio Lower Upper

62 100

64 84.2 23.4 43.6#



#17

trans-1,2-Dichloroethene

Concen: 0.694 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU044810.D

Acq: 24 Sep 2021 14:24

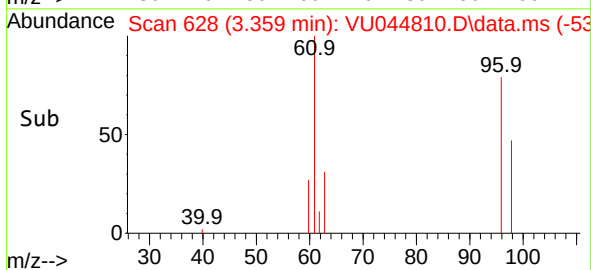
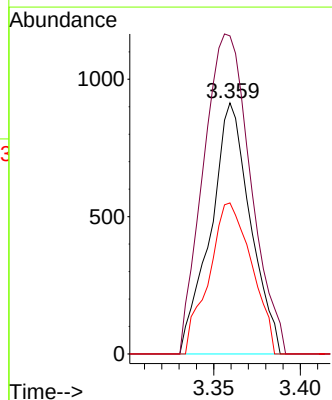
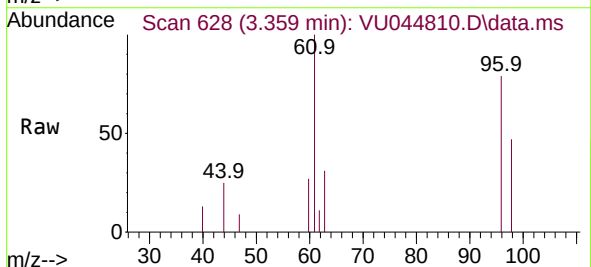
Tgt Ion: 96 Resp: 1461

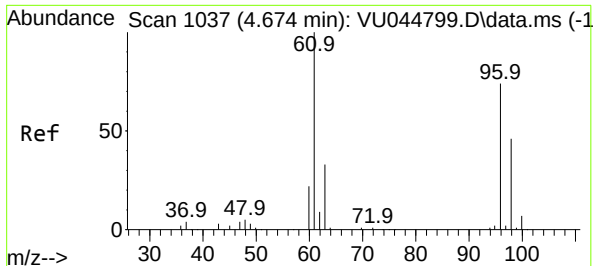
Ion Ratio Lower Upper

96 100

61 126.7 105.1 195.3

98 60.2 43.0 79.8



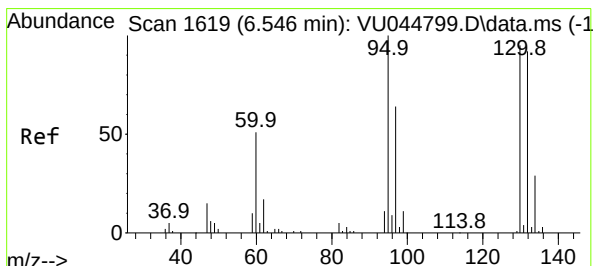
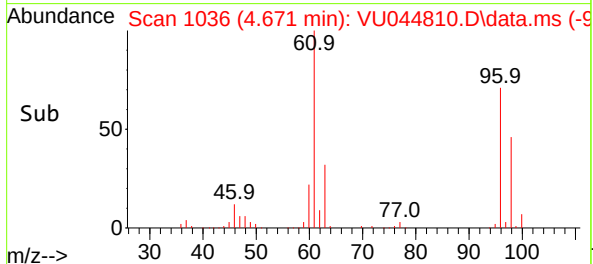
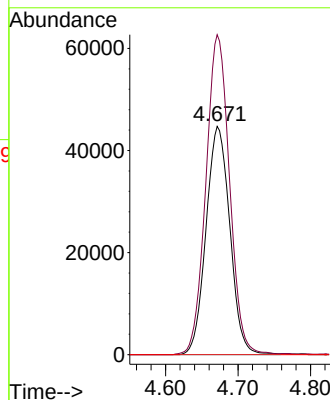
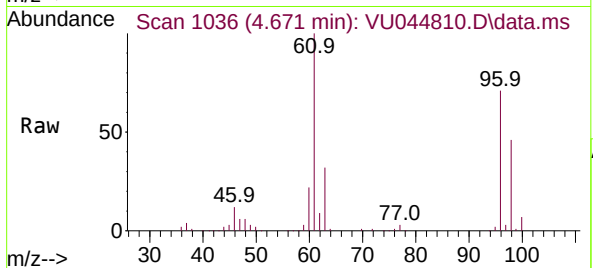


#20

cis-1,2-Dichloroethene
Concen: 44.067 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

Instrument :
MSVOA_U
ClientSampleId :
EW7Y1DL

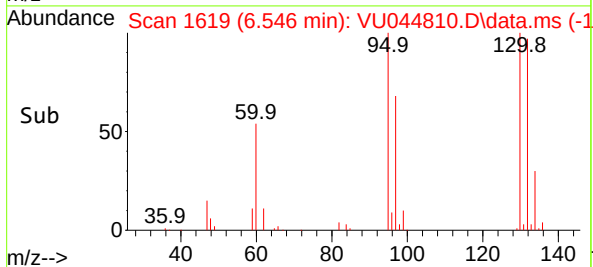
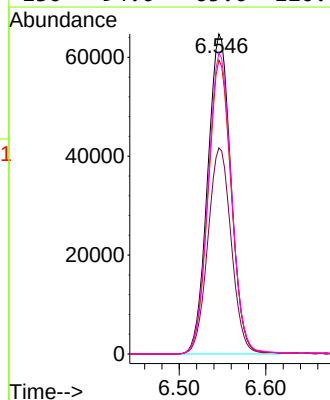
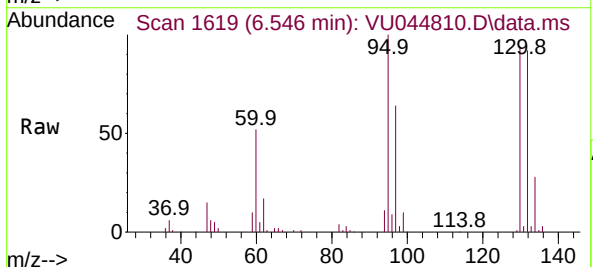
Tgt Ion: 96 Resp: 102238
Ion Ratio Lower Upper
96 100
61 140.1 100.2 186.0
68 0.0 0.0 0.0

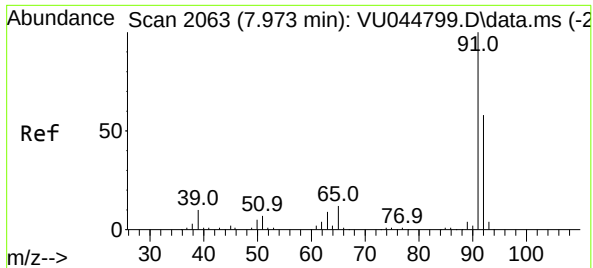


#34

Trichloroethene
Concen: 55.221 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

Tgt Ion: 95 Resp: 120916
Ion Ratio Lower Upper
95 100
97 64.4 44.4 82.4
132 91.8 62.9 116.9
130 94.0 65.0 120.8





#42
Toluene
Concen: 0.524 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

Instrument :
MSVOA_U
ClientSampleId :
EW7Y1DL

Tgt Ion: 91 Resp: 4855
Ion Ratio Lower Upper
91 100
92 54.2 40.5 75.1

