

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045214.D
 Acq On : 07 Oct 2021 16:05
 Operator : SY/MD
 Sample : M4025-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:38:34 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)

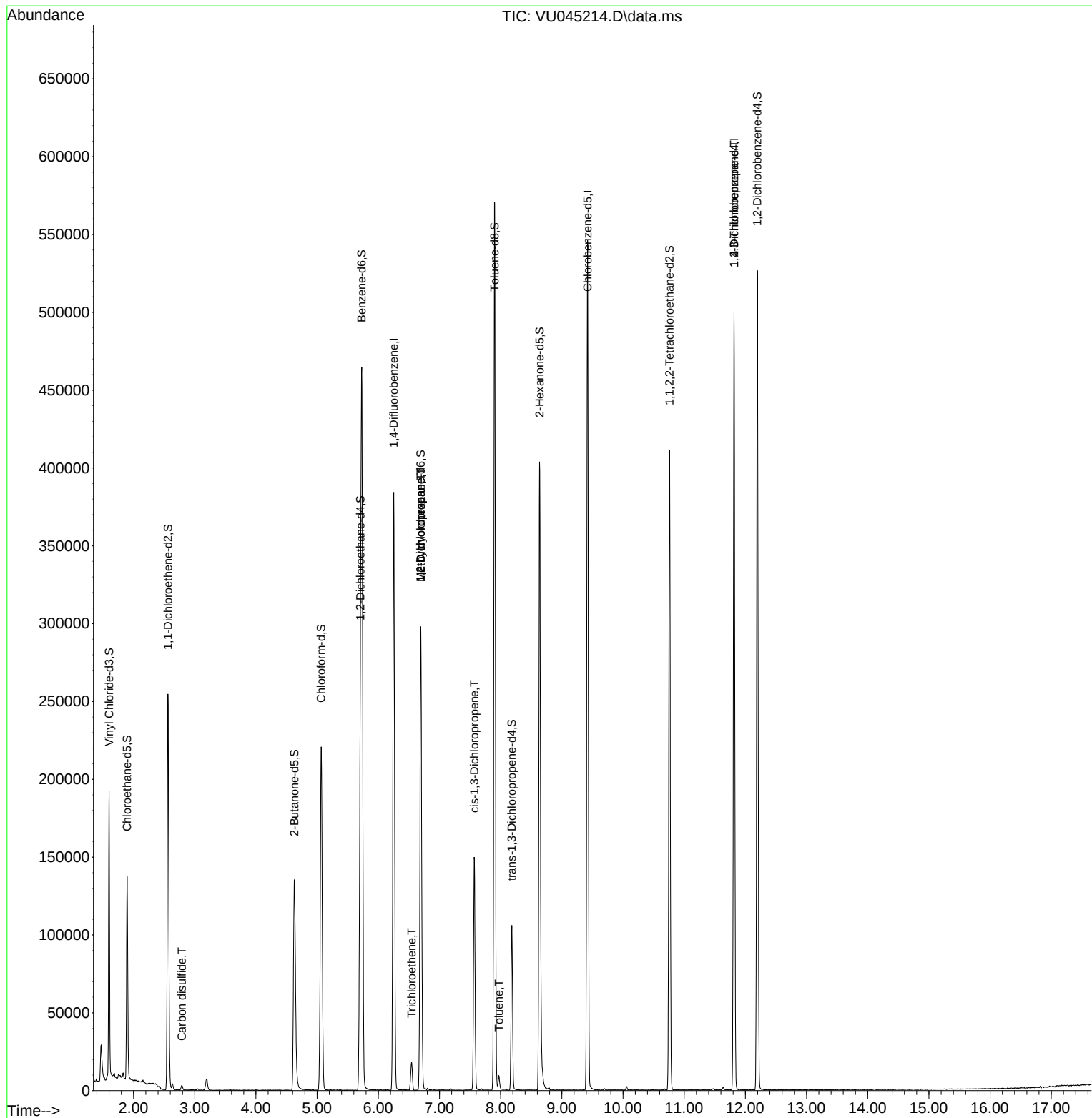
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	294959	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	285736	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	123062	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	116485	36.075	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	72.160%	
7) Chloroethane-d5	1.893	69	98882	38.645	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.300%	
11) 1,1-Dichloroethene-d2	2.562	63	153349	28.280	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	56.560%#	
21) 2-Butanone-d5	4.626	46	194864	76.336	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	76.340%	
24) Chloroform-d	5.067	84	198592	38.941	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.880%	
26) 1,2-Dichloroethane-d4	5.706	65	144019	41.692	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.380%	
32) Benzene-d6	5.729	84	417089	42.067	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.140%	
36) 1,2-Dichloropropane-d6	6.694	67	134861	41.715	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	83.420%	
41) Toluene-d8	7.899	98	363792	42.517	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.040%	
43) trans-1,3-Dichloroprop...	8.182	79	55753	38.769	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.540%	
47) 2-Hexanone-d5	8.636	63	140930	78.662	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	78.660%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	204248	40.572	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	81.140%	
66) 1,2-Dichlorobenzene-d4	12.195	152	127859	47.741	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.480%	
Target Compounds						Qvalue
14) Carbon disulfide	2.790	76	3579	0.489	ug/L	99
34) Trichloroethene	6.546	95	5389	2.117	ug/L	91
35) Methylcyclohexane	6.694	83	32053	7.521	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	15524	5.380	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3646	0.883	ug/L #	72
42) Toluene	7.973	91	5932	0.551	ug/L	98
60) 1,2,3-Trichloropropane	11.816	75	16586	4.873	ug/L #	67

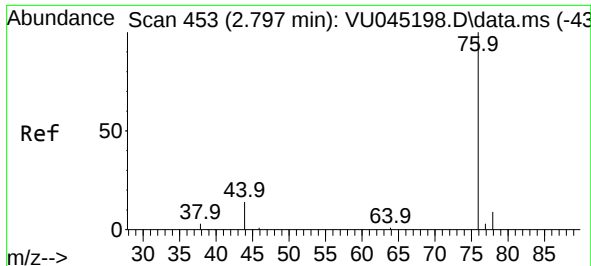
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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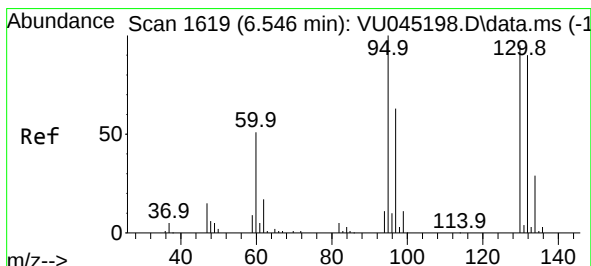
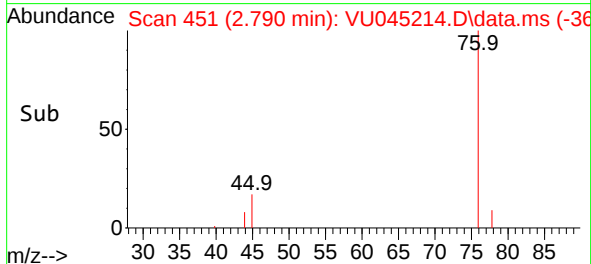
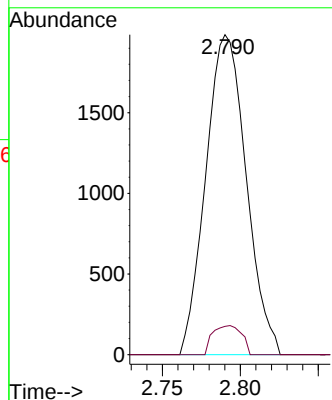
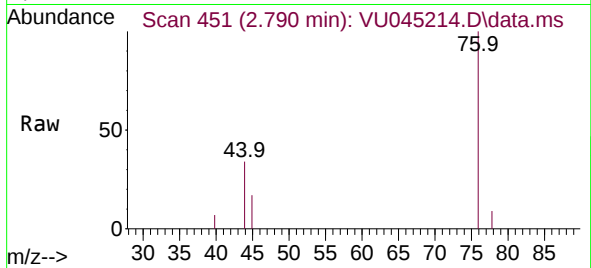




#14
Carbon disulfide
Concen: 0.489 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.006 min
Lab File: VU045214.D
Acq: 07 Oct 2021 16:05

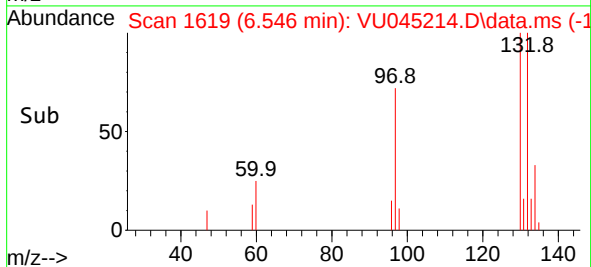
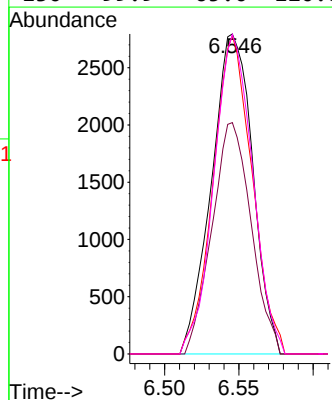
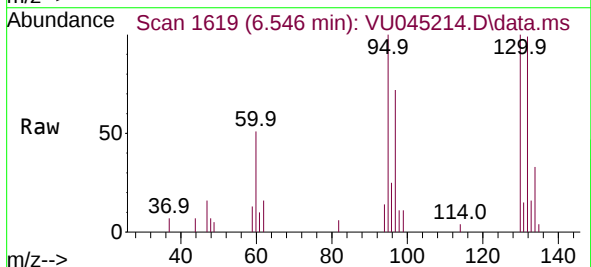
Instrument :
MSVOA_U
ClientSampled :

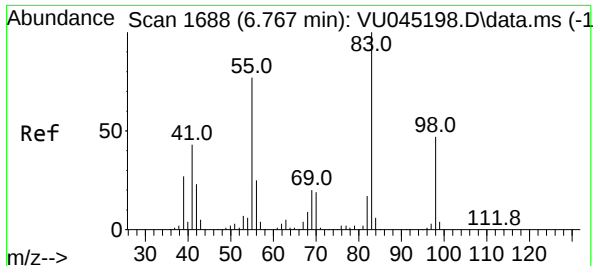
Tgt Ion: 76 Resp: 3579
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#34
Trichloroethene
Concen: 2.117 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045214.D
Acq: 07 Oct 2021 16:05

Tgt Ion: 95 Resp: 5389
Ion Ratio Lower Upper
95 100
97 72.3 44.4 82.4
132 99.5 62.9 116.9
130 99.9 65.0 120.8

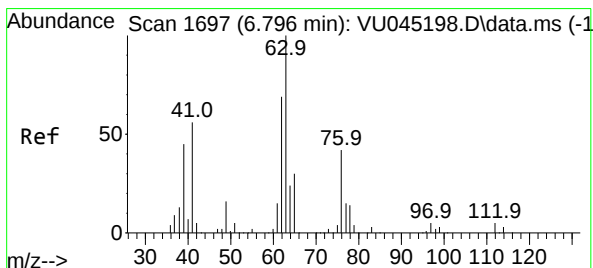
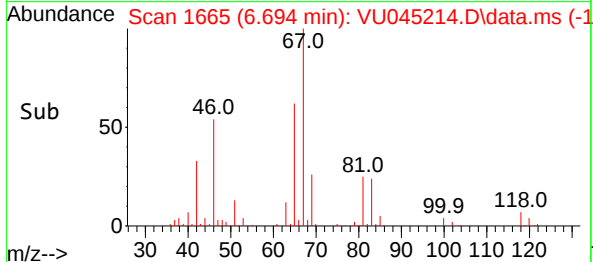
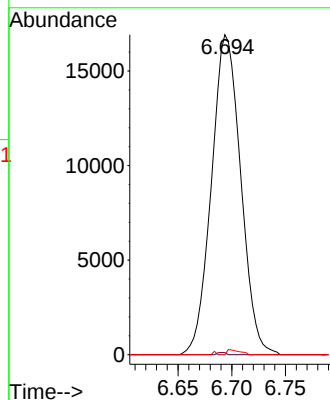
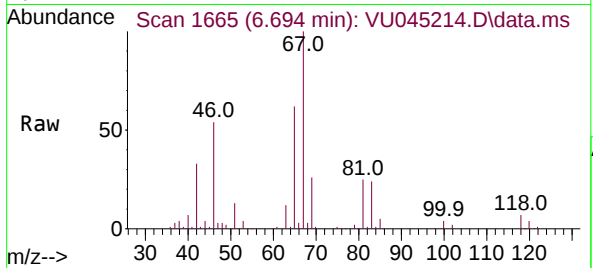




#35
Methylcyclohexane
Concen: 7.521 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045214.D
Acq: 07 Oct 2021 16:05

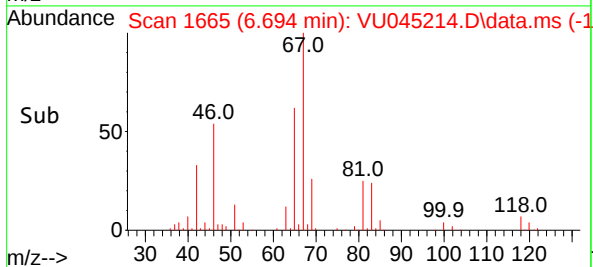
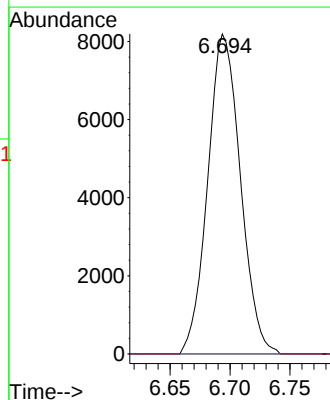
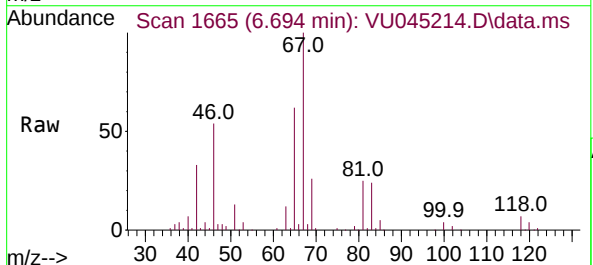
Instrument :
MSVOA_U
ClientSampleId :

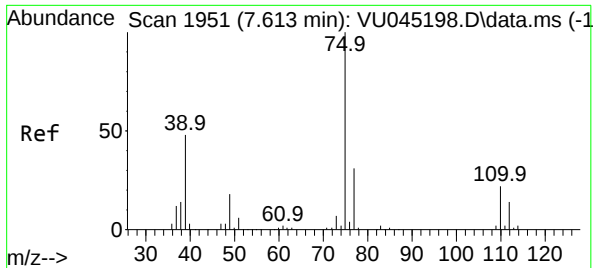
Tgt Ion: 83 Resp: 32053
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 0.7 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 5.380 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045214.D
Acq: 07 Oct 2021 16:05

Tgt Ion: 63 Resp: 15524
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

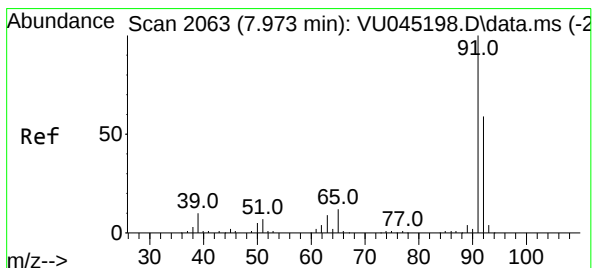
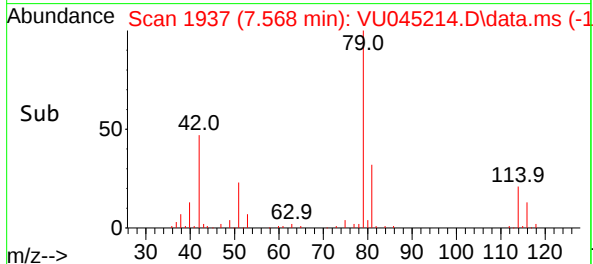
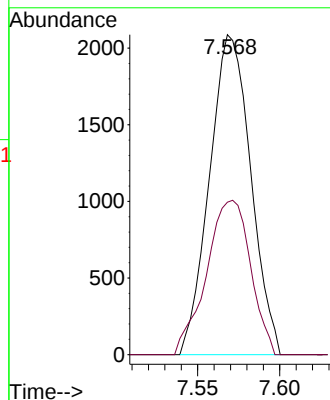
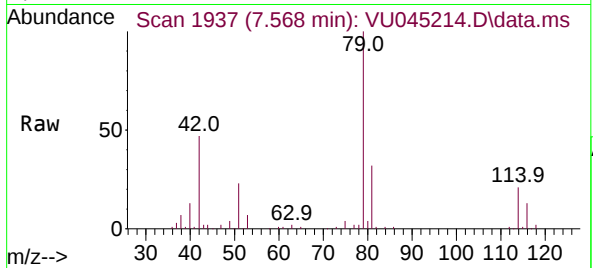




#39
 cis-1,3-Dichloropropene
 Concen: 0.883 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.045 min
 Lab File: VU045214.D
 Acq: 07 Oct 2021 16:05

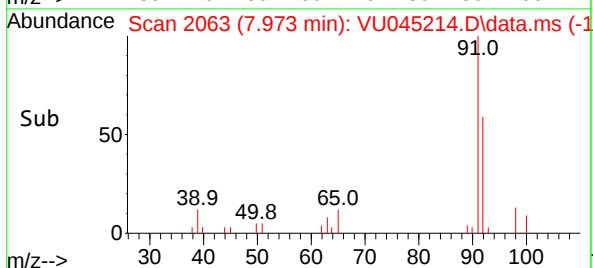
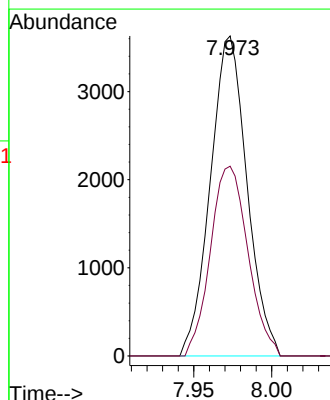
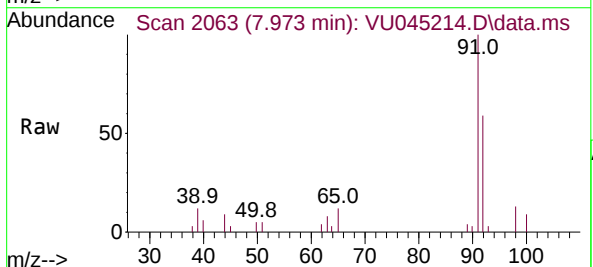
Instrument :
 MSVOA_U
 ClientSampleId :

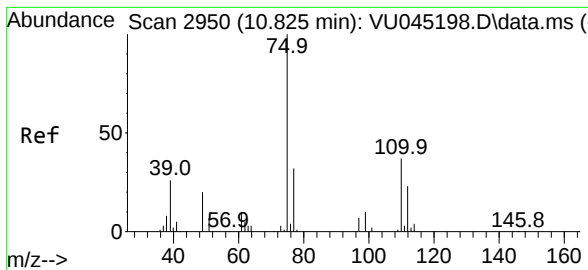
Tgt Ion: 75 Resp: 3646
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.4 41.6#



#42
 Toluene
 Concen: 0.551 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU045214.D
 Acq: 07 Oct 2021 16:05

Tgt Ion: 91 Resp: 5932
 Ion Ratio Lower Upper
 91 100
 92 59.3 40.5 75.1





#60
 1,2,3-Trichloropropane
 Concen: 4.873 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU045214.D
 Acq: 07 Oct 2021 16:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 16586
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.5 38.3
 110 1.6 29.0 43.4#

