

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045218.D
 Acq On : 07 Oct 2021 19:16
 Operator : SY/MD
 Sample : M4024-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 22:20:07 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)

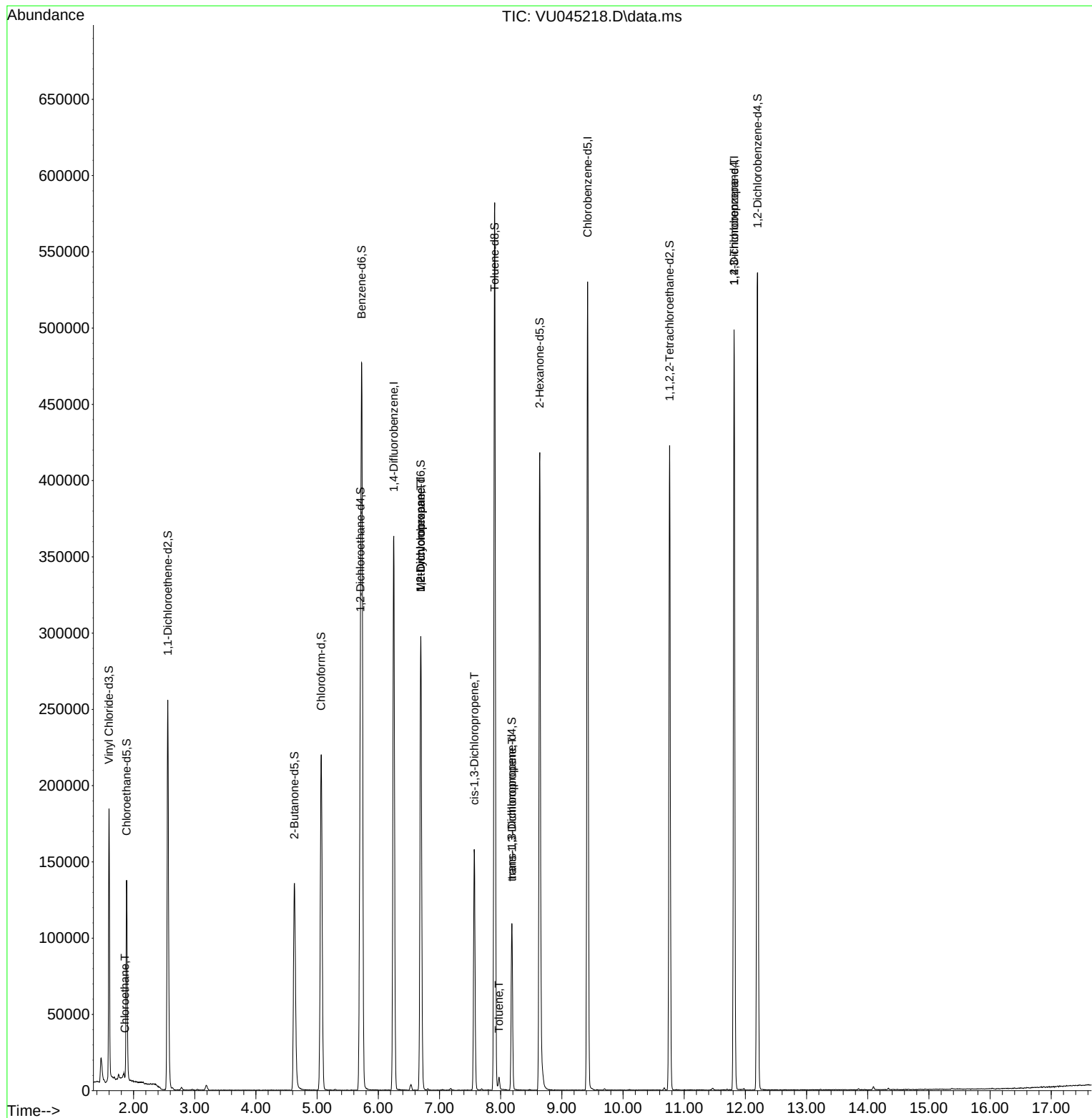
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282877	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	272969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120729	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	117893	38.071	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.140%	
7) Chloroethane-d5	1.887	69	99131	40.397	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	80.800%	
11) 1,1-Dichloroethene-d2	2.559	63	156089	30.015	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.020%	
21) 2-Butanone-d5	4.629	46	196229	80.154	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	80.150%	
24) Chloroform-d	5.067	84	197832	40.449	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.900%	
26) 1,2-Dichloroethane-d4	5.707	65	142698	43.074	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.140%	
32) Benzene-d6	5.729	84	419399	44.278	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.560%	
36) 1,2-Dichloropropane-d6	6.694	67	133716	43.295	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.600%	
41) Toluene-d8	7.903	98	368063	45.028	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.060%	
43) trans-1,3-Dichloroprop...	8.182	79	57908	42.150	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.300%	
47) 2-Hexanone-d5	8.639	63	143965	84.114	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	84.110%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206887	43.018	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.040%	
66) 1,2-Dichlorobenzene-d4	12.198	152	129869	49.429	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.860%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.858	64	1762	0.849	ug/L #	60
35) Methylcyclohexane	6.694	83	31670	7.779	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	15417	5.593	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3680	0.933	ug/L #	61
42) Toluene	7.973	91	5979	0.581	ug/L	99
44) trans-1,3-Dichloropropene	8.186	75	2575	0.687	ug/L #	79
60) 1,2,3-Trichloropropane	11.816	75	16708	5.004	ug/L #	68

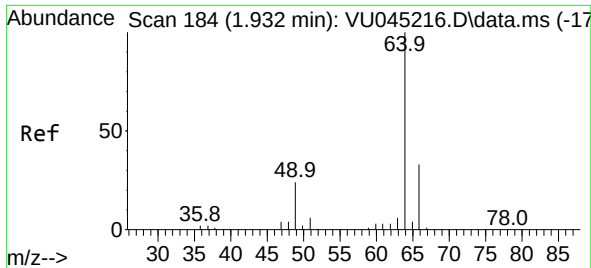
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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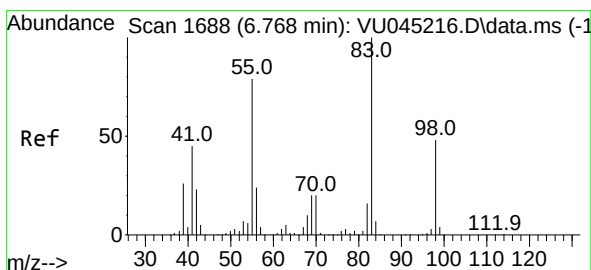
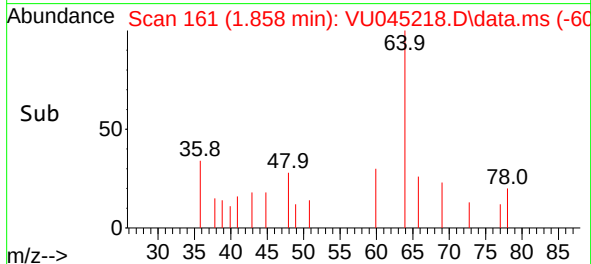
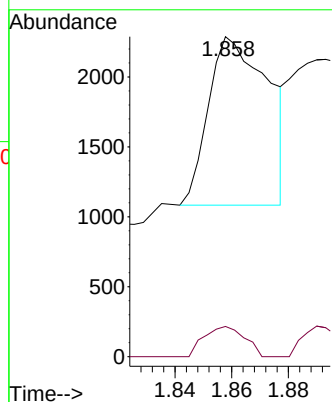
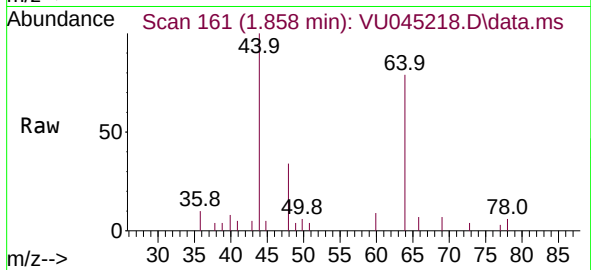




#8
Chloroethane
Concen: 0.849 ug/L
RT: 1.858 min Scan# 161
Delta R.T. -0.074 min
Lab File: VU045218.D
Acq: 07 Oct 2021 19:16

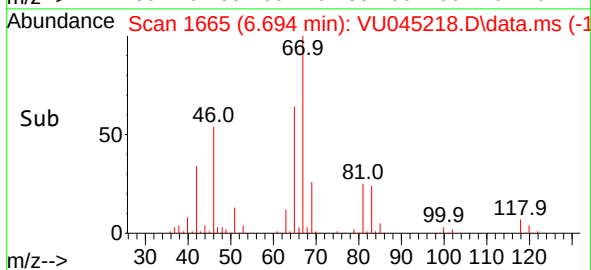
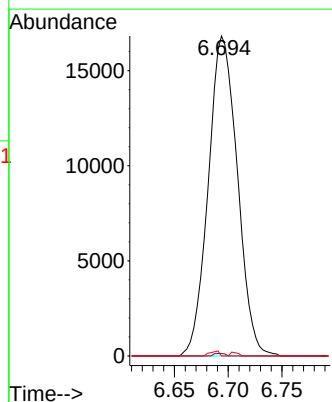
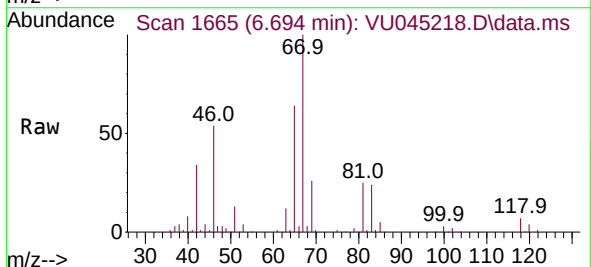
Instrument :
MSVOA_U
ClientSampleId :

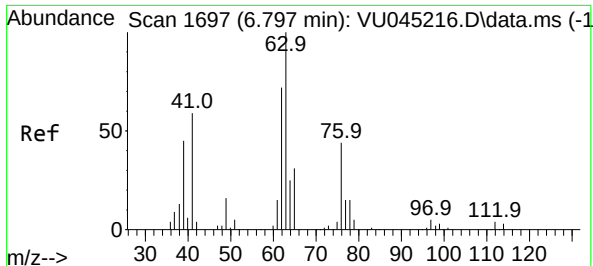
Tgt Ion: 64 Resp: 1762
Ion Ratio Lower Upper
64 100
66 9.4 22.3 41.3#



#35
Methylcyclohexane
Concen: 7.779 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045218.D
Acq: 07 Oct 2021 19:16

Tgt Ion: 83 Resp: 31670
Ion Ratio Lower Upper
83 100
55 0.3 65.8 98.6#
98 0.5 37.1 55.7#



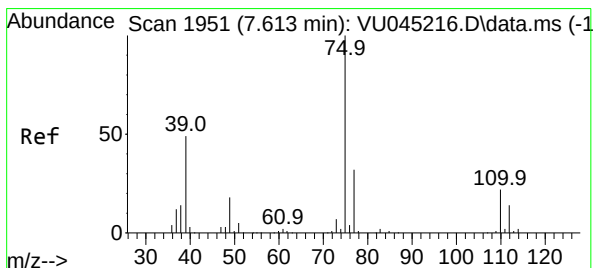
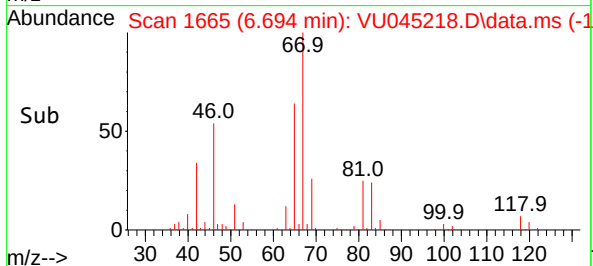
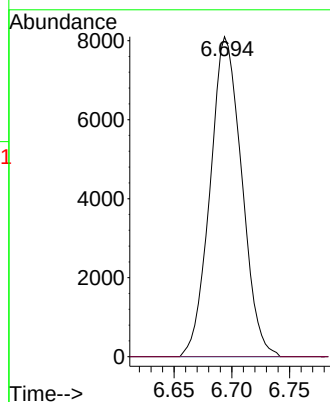
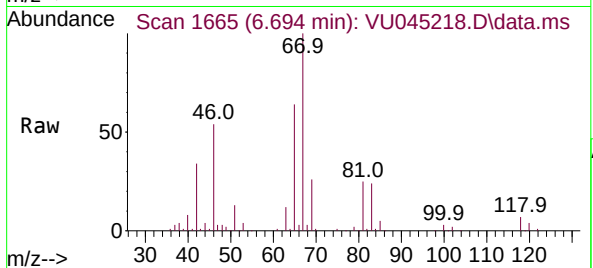


#37

1,2-Dichloropropane
Concen: 5.593 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045218.D
Acq: 07 Oct 2021 19:16

Instrument :
MSVOA_U
ClientSampled :

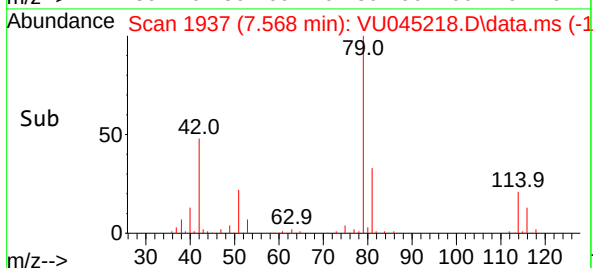
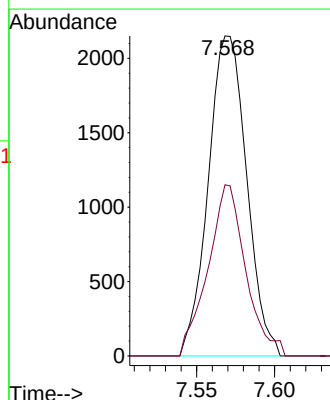
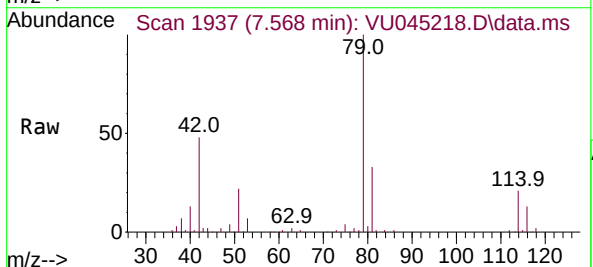
Tgt Ion: 63 Resp: 15417
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

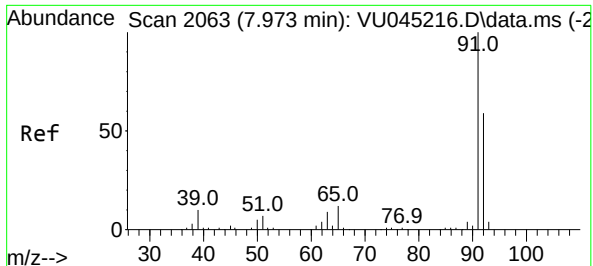


#39

cis-1,3-Dichloropropene
Concen: 0.933 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045218.D
Acq: 07 Oct 2021 19:16

Tgt Ion: 75 Resp: 3680
Ion Ratio Lower Upper
75 100
77 53.5 22.4 41.6#

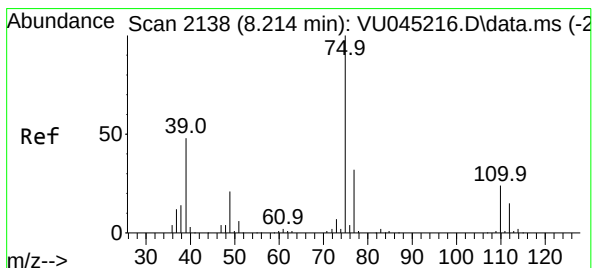
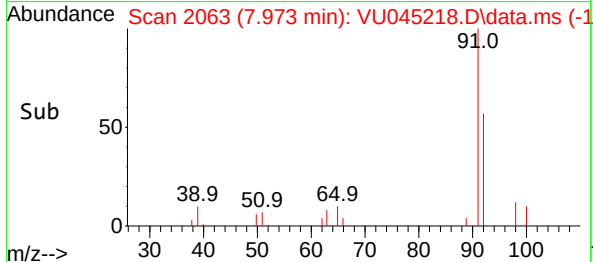
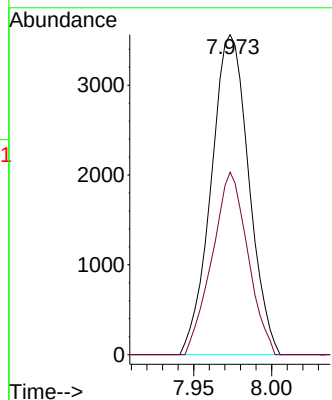
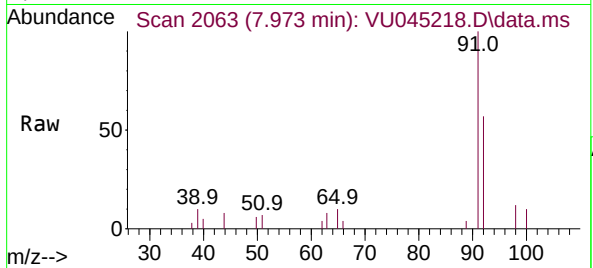




#42
Toluene
Concen: 0.581 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045218.D
Acq: 07 Oct 2021 19:16

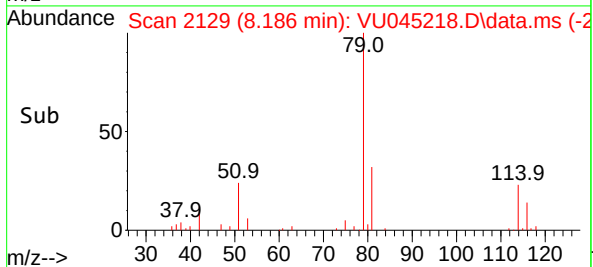
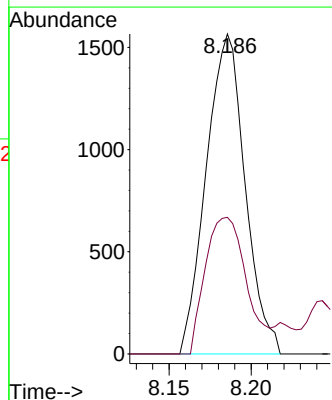
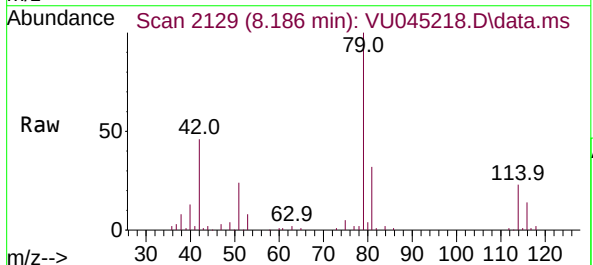
Instrument :
MSVOA_U
ClientSampled :

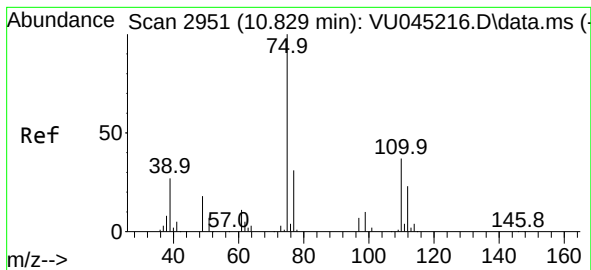
Tgt Ion: 91 Resp: 5979
Ion Ratio Lower Upper
91 100
92 57.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.687 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045218.D
Acq: 07 Oct 2021 19:16

Tgt Ion: 75 Resp: 2575
Ion Ratio Lower Upper
75 100
77 42.7 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.004 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045218.D
 Acq: 07 Oct 2021 19:16

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 16708
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.5 38.3
 110 2.3 29.0 43.4#

