

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045119.D
 Acq On : 05 Oct 2021 00:54
 Operator : SY/MD
 Sample : M4023-16 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK5

Quant Time: Oct 05 07:03:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

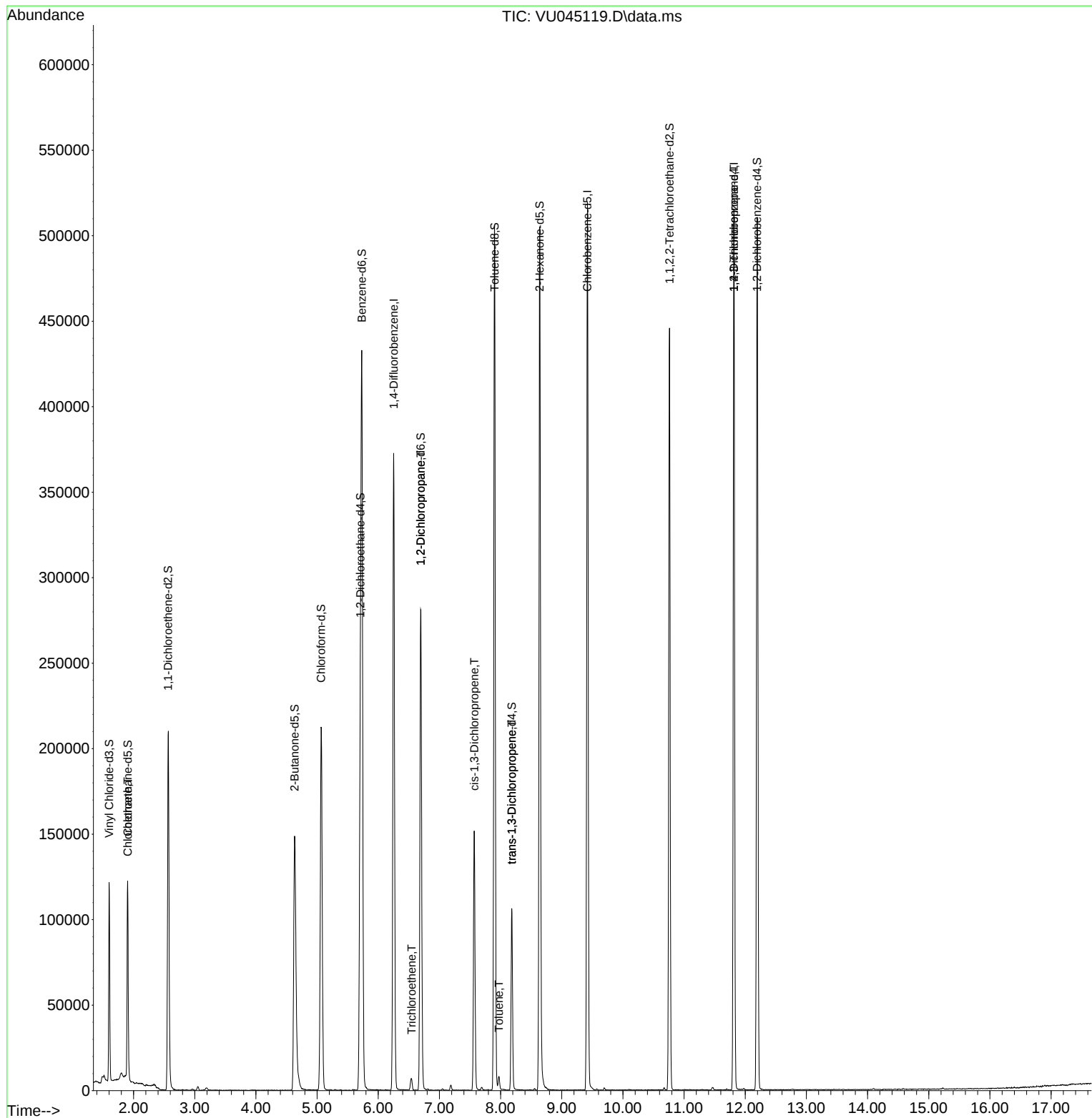
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	292365	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	273302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	126096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82595	25.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.620%#
7) Chloroethane-d5	1.903	69	80281	31.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.300%#
11) 1,1-Dichloroethene-d2	2.565	63	127348	23.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.380%#
21) 2-Butanone-d5	4.633	46	245300	96.946	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.950%
24) Chloroform-d	5.067	84	192829	38.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.300%
26) 1,2-Dichloroethane-d4	5.707	65	137428	40.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.280%
32) Benzene-d6	5.732	84	374921	39.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.060%
36) 1,2-Dichloropropane-d6	6.694	67	128700	41.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.240%
41) Toluene-d8	7.903	98	321682	39.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.620%#
43) trans-1,3-Dichloroprop...	8.182	79	56791	41.287	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.580%
47) 2-Hexanone-d5	8.639	63	180153	105.129	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.130%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213543	44.348	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.700%
66) 1,2-Dichlorobenzene-d4	12.195	152	123195	44.893	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.780%
Target Compounds						
					Qvalue	
8) Chloroethane	1.906	64	1677	0.782	ug/L #	61
34) Trichloroethene	6.546	95	1564	0.642	ug/L	93
37) 1,2-Dichloropropane	6.694	63	14764	5.349	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3836	0.971	ug/L #	74
42) Toluene	7.973	91	5336	0.518	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2488	0.663	ug/L	85
60) 1,2,3-Trichloropropane	11.816	75	16541	4.743	ug/L #	67

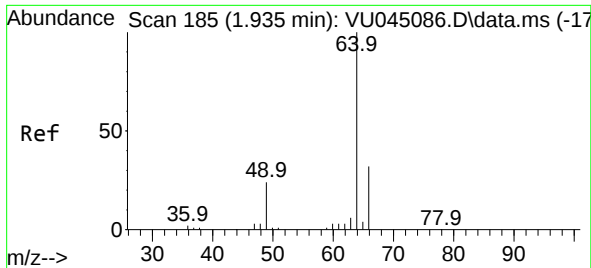
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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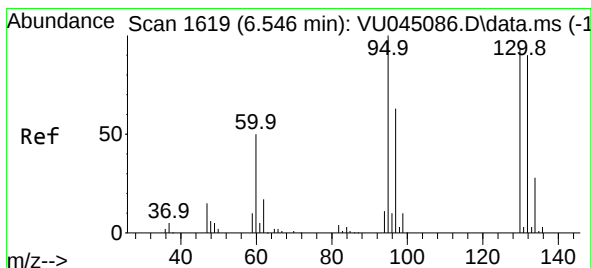
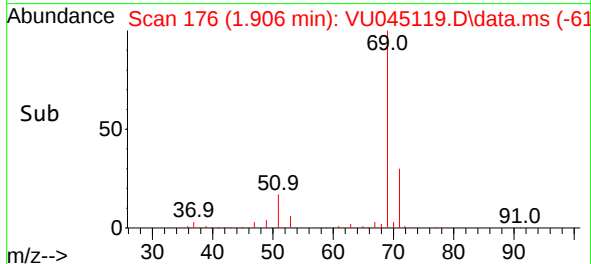
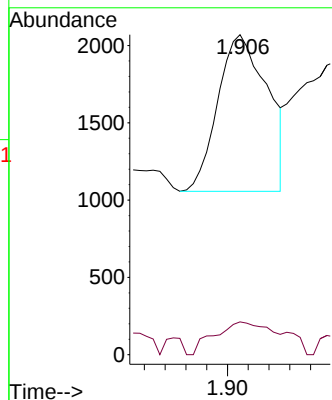
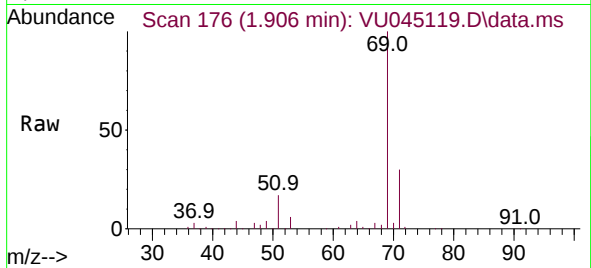




#8
Chloroethane
Concen: 0.782 ug/L
RT: 1.906 min Scan# 176
Delta R.T. -0.029 min
Lab File: VU045119.D
Acq: 05 Oct 2021 00:54

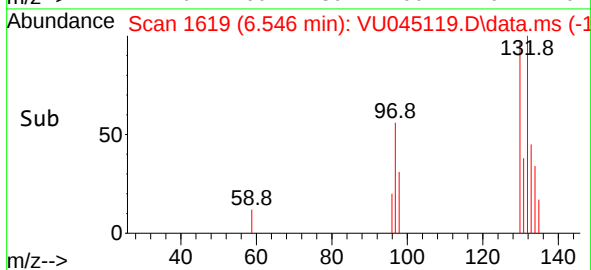
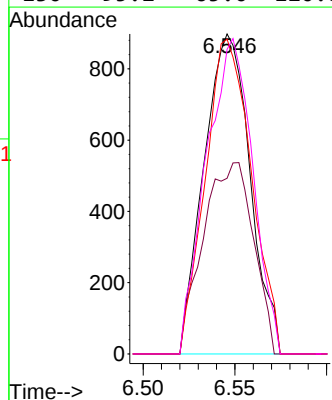
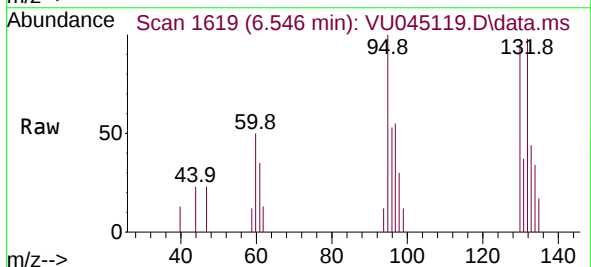
Instrument :
MSVOA_U
ClientSampleId :
C0AK5

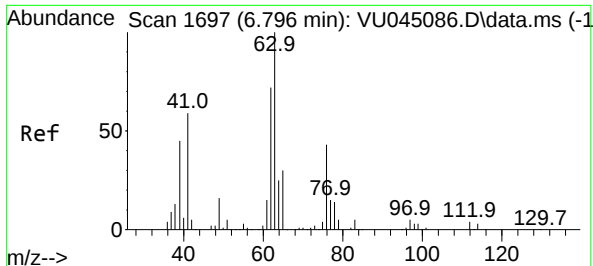
Tgt Ion: 64 Resp: 1677
Ion Ratio Lower Upper
64 100
66 10.2 22.3 41.3#



#34
Trichloroethene
Concen: 0.642 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045119.D
Acq: 05 Oct 2021 00:54

Tgt Ion: 95 Resp: 1564
Ion Ratio Lower Upper
95 100
97 54.9 44.4 82.4
132 98.3 62.9 116.9
130 95.2 65.0 120.8



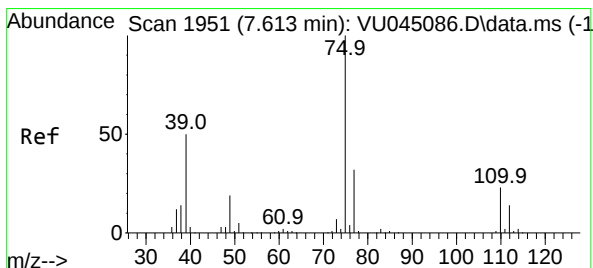
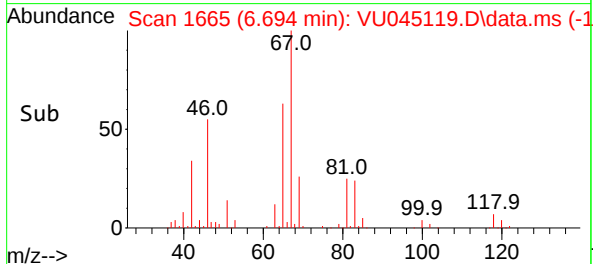
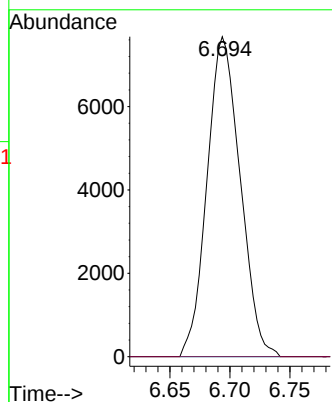
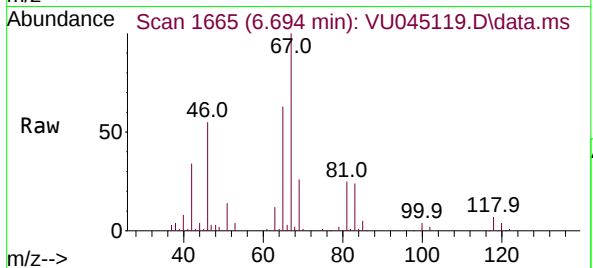


#37

1,2-Dichloropropane
Concen: 5.349 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045119.D
Acq: 05 Oct 2021 00:54

Instrument :
MSVOA_U
ClientSampleId :
C0AK5

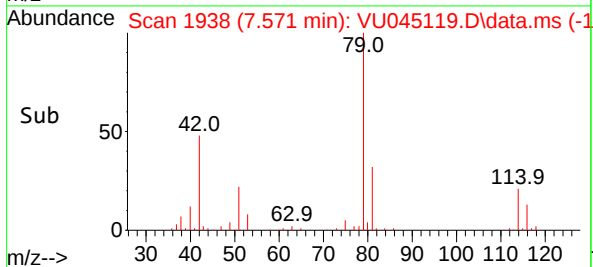
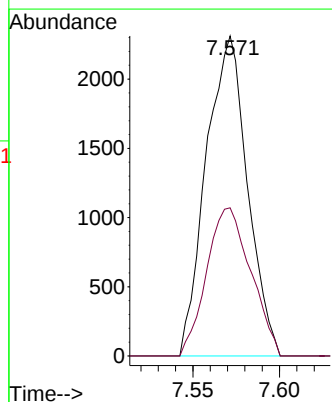
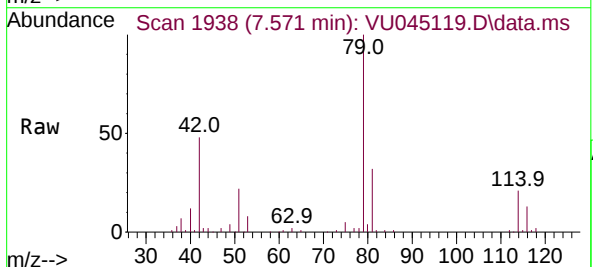
Tgt Ion: 63 Resp: 14764
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

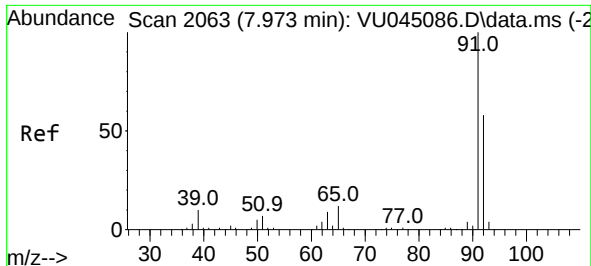


#39

cis-1,3-Dichloropropene
Concen: 0.971 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045119.D
Acq: 05 Oct 2021 00:54

Tgt Ion: 75 Resp: 3836
Ion Ratio Lower Upper
75 100
77 46.3 22.4 41.6#

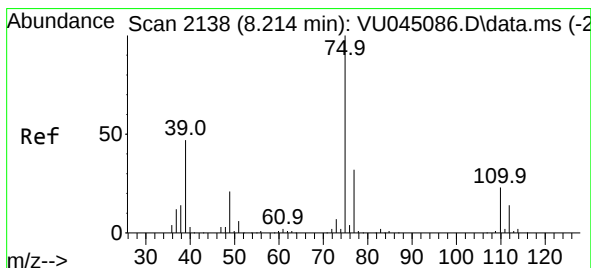
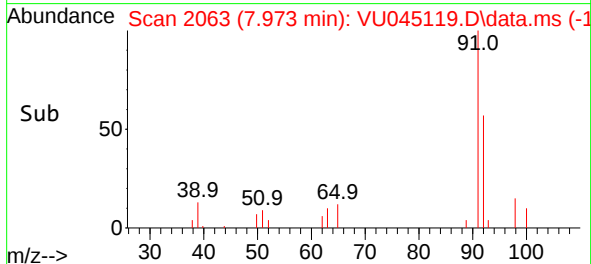
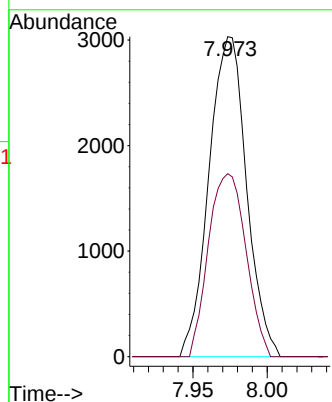
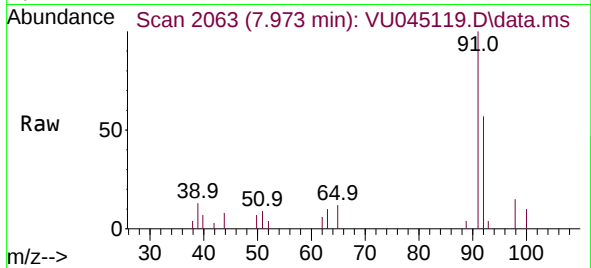




#42
Toluene
Concen: 0.518 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045119.D
Acq: 05 Oct 2021 00:54

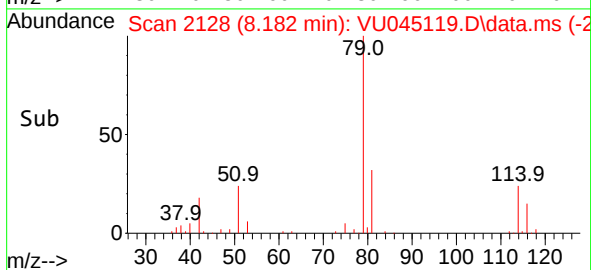
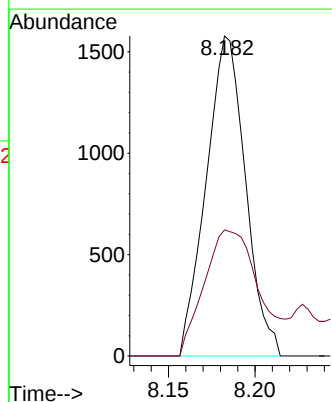
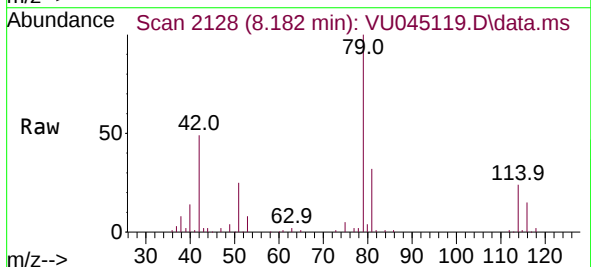
Instrument :
MSVOA_U
ClientSampleId :
C0AK5

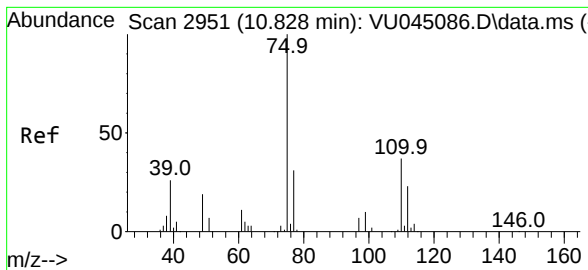
Tgt Ion: 91 Resp: 5336
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.663 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045119.D
Acq: 05 Oct 2021 00:54

Tgt Ion: 75 Resp: 2488
Ion Ratio Lower Upper
75 100
77 39.4 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.743 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045119.D
 Acq: 05 Oct 2021 00:54

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 ClientSampleId :
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Tgt Ion:	75	Resp:	16541
Ion Ratio	Lower	Upper	
75	100		
77	34.5	25.5	38.3
110	2.1	29.0	43.4#

