

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100921\
 Data File : VU045273.D
 Acq On : 09 Oct 2021 19:24
 Operator : SY/MD
 Sample : M4186-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 01:49:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 11 01:47:08 2021
 Response via : Initial Calibration

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

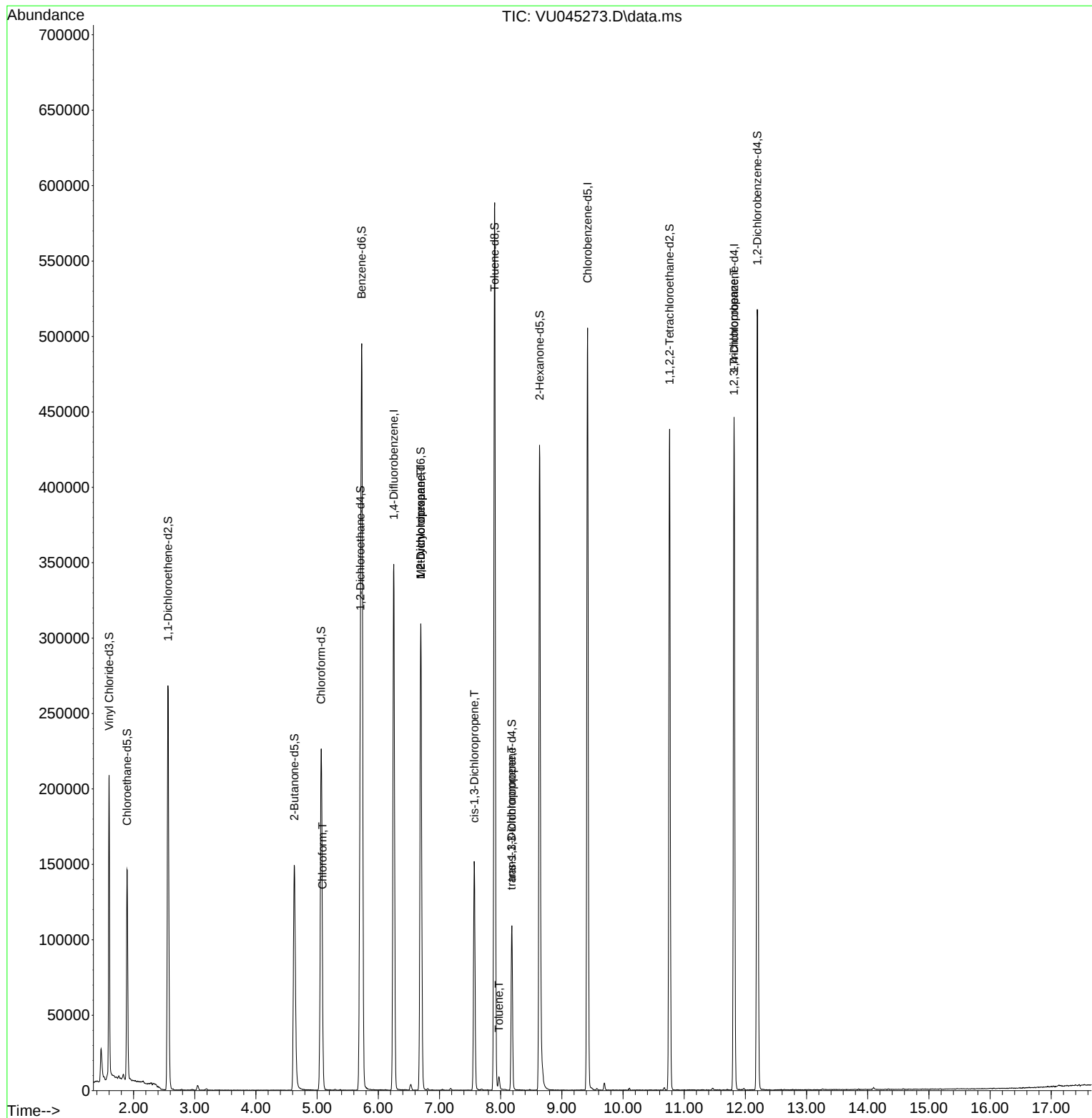
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	267050	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	260044	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	110673	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	133709	45.737	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.480%
7) Chloroethane-d5	1.893	69	108545	46.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.720%
11) 1,1-Dichloroethene-d2	2.562	63	165311	33.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.340%
21) 2-Butanone-d5	4.626	46	214565	92.838	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.840%
24) Chloroform-d	5.067	84	207213	44.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.760%
26) 1,2-Dichloroethane-d4	5.707	65	148346	47.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
32) Benzene-d6	5.729	84	439606	48.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
36) 1,2-Dichloropropane-d6	6.694	67	143303	48.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.420%
41) Toluene-d8	7.903	98	372902	47.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.780%
43) trans-1,3-Dichloroprop...	8.182	79	56292	43.011	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.020%
47) 2-Hexanone-d5	8.636	63	146542	89.875	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.880%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	216723	47.303	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	128722	53.444	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.880%
Target Compounds						
25) Chloroform	5.086	83	3433	0.762	ug/L	81
35) Methylcyclohexane	6.694	83	32916	8.487	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	16354	6.228	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3377	0.899	ug/L #	62
42) Toluene	7.973	91	6085	0.621	ug/L	90
44) trans-1,3-Dichloropropene	8.179	75	2538	0.710	ug/L	96
60) 1,2,3-Trichloropropane	11.812	75	14925	4.876	ug/L #	68

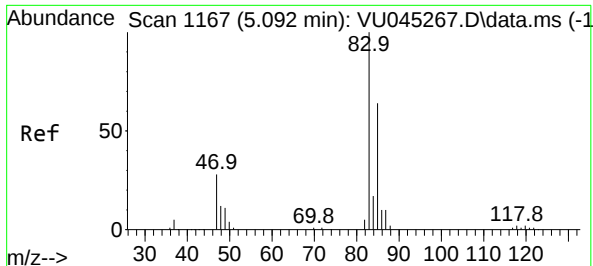
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 11 01:47:08 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 0.762 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.006 min

Lab File: VU045273.D

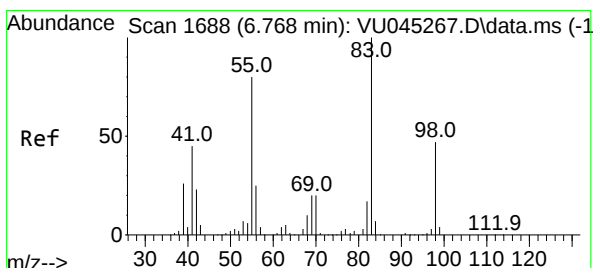
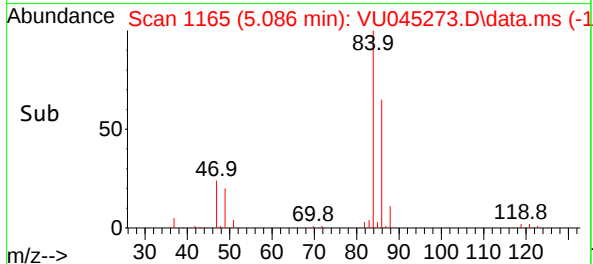
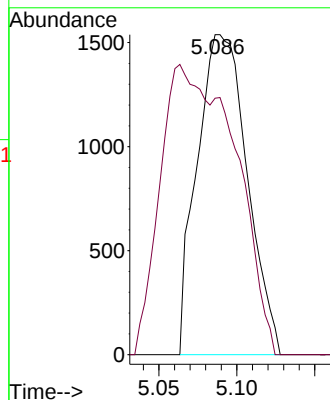
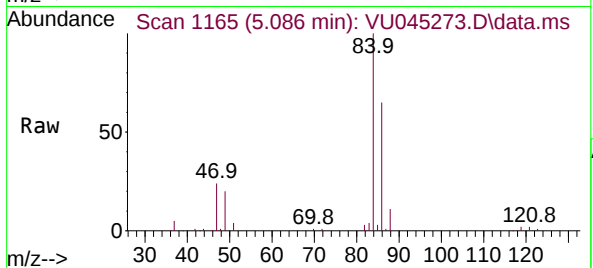
Acq: 09 Oct 2021 19:24

Tgt Ion: 83 Resp: 3433

Ion Ratio Lower Upper

83 100

85 80.2 45.6 84.6



#35

Methylcyclohexane

Concen: 8.487 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU045273.D

Acq: 09 Oct 2021 19:24

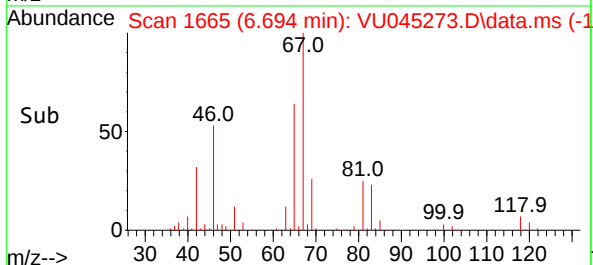
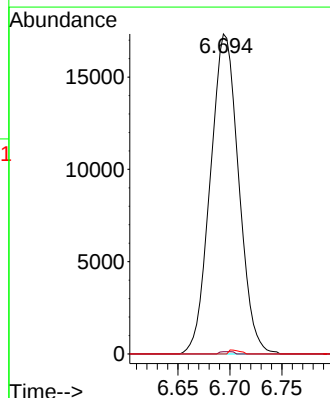
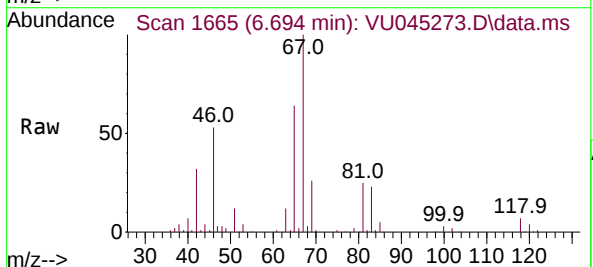
Tgt Ion: 83 Resp: 32916

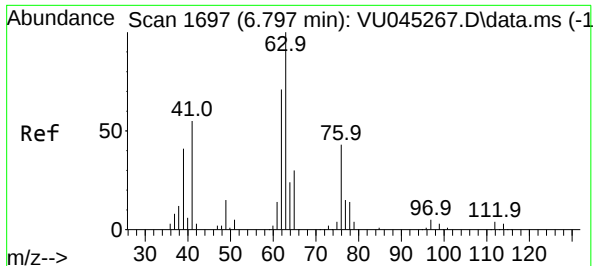
Ion Ratio Lower Upper

83 100

55 0.3 65.8 98.6#

98 0.5 37.1 55.7#



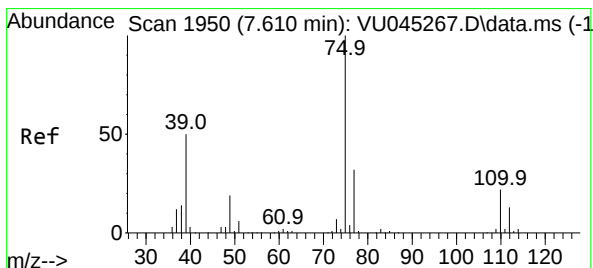
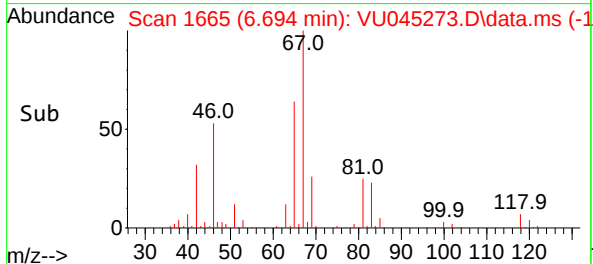
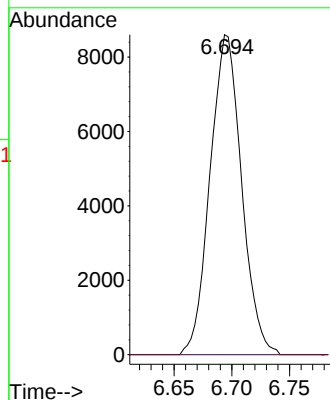
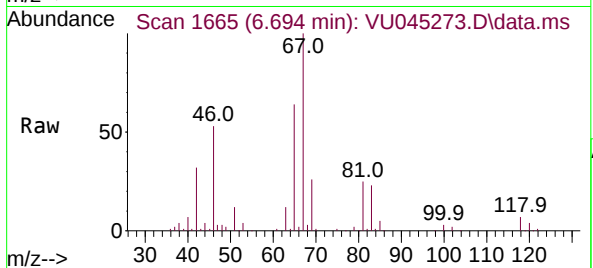


#37

1,2-Dichloropropane
Concen: 6.228 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045273.D
Acq: 09 Oct 2021 19:24

Instrument :
MSVOA_U
ClientSampled :

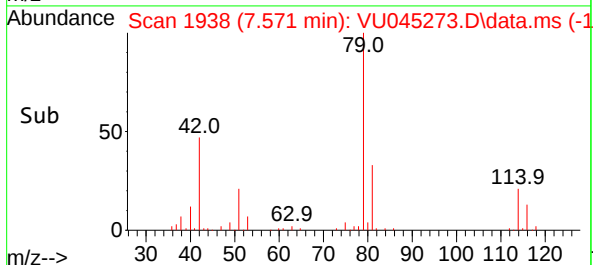
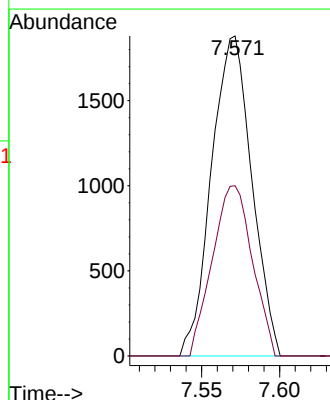
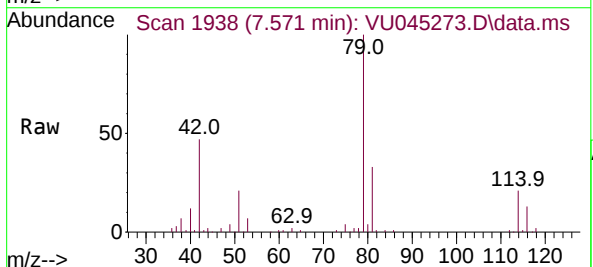
Tgt Ion: 63 Resp: 16354
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

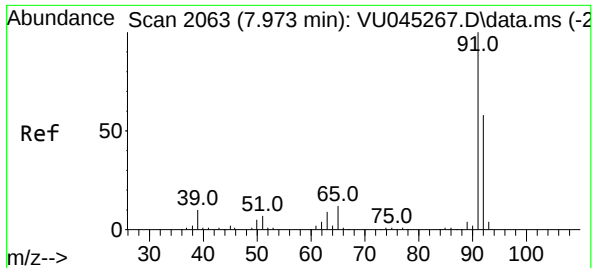


#39

cis-1,3-Dichloropropene
Concen: 0.899 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045273.D
Acq: 09 Oct 2021 19:24

Tgt Ion: 75 Resp: 3377
Ion Ratio Lower Upper
75 100
77 53.2 22.4 41.6#

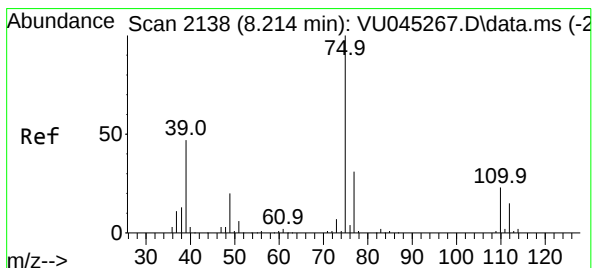
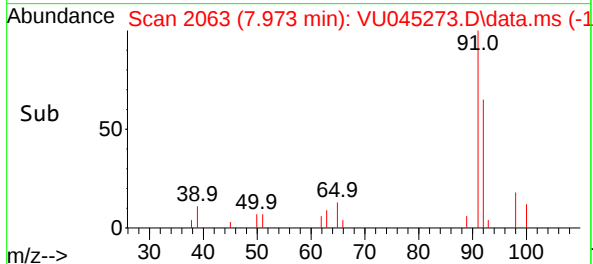
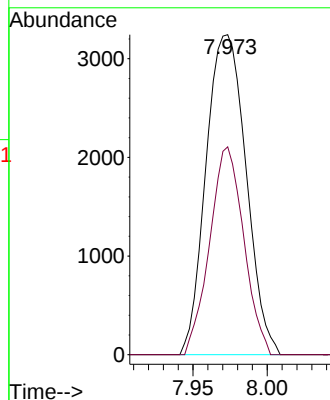
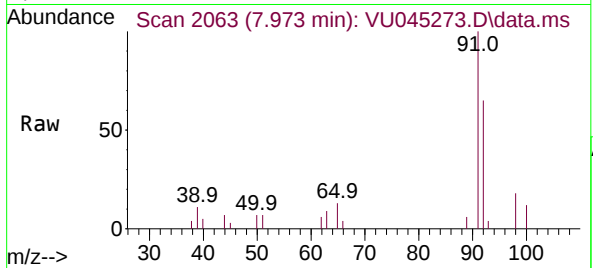




#42
Toluene
Concen: 0.621 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045273.D
Acq: 09 Oct 2021 19:24

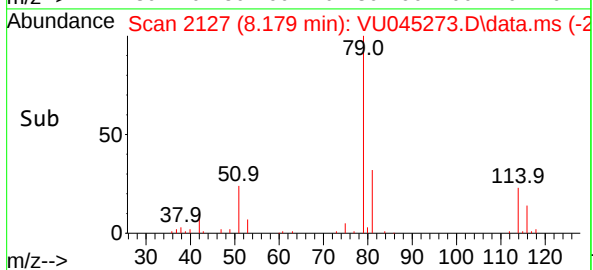
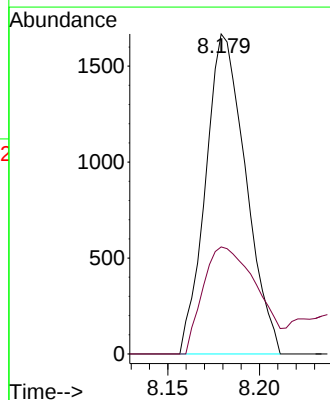
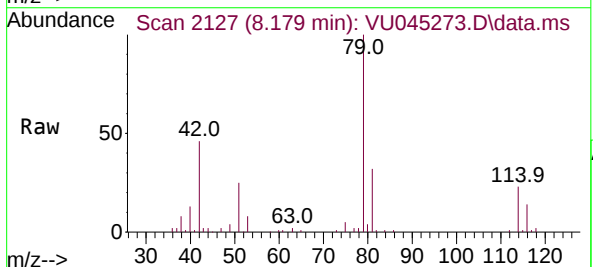
Instrument :
MSVOA_U
ClientSampled :

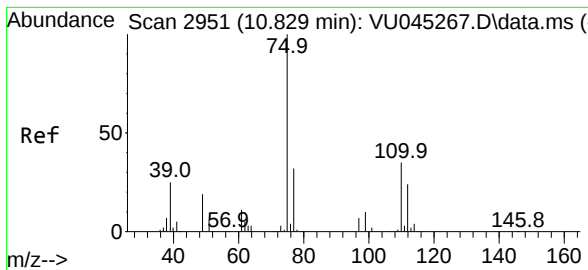
Tgt Ion: 91 Resp: 6085
Ion Ratio Lower Upper
91 100
92 65.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU045273.D
Acq: 09 Oct 2021 19:24

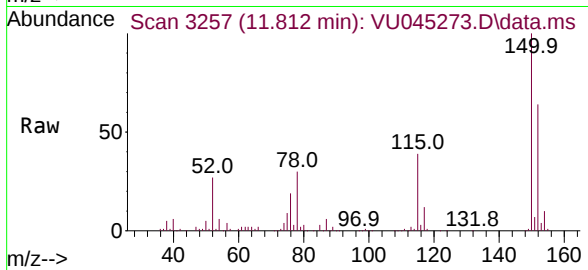
Tgt Ion: 75 Resp: 2538
Ion Ratio Lower Upper
75 100
77 33.5 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.876 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.984 min
 Lab File: VU045273.D
 Acq: 09 Oct 2021 19:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	14925
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.5	38.3
110	2.2	29.0	43.4#

