

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053257.D
 Acq On : 17 Mar 2023 11:18
 Operator : JC/MD
 Sample : 01929-17DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF0DL

Quant Time: Mar 18 01:50:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

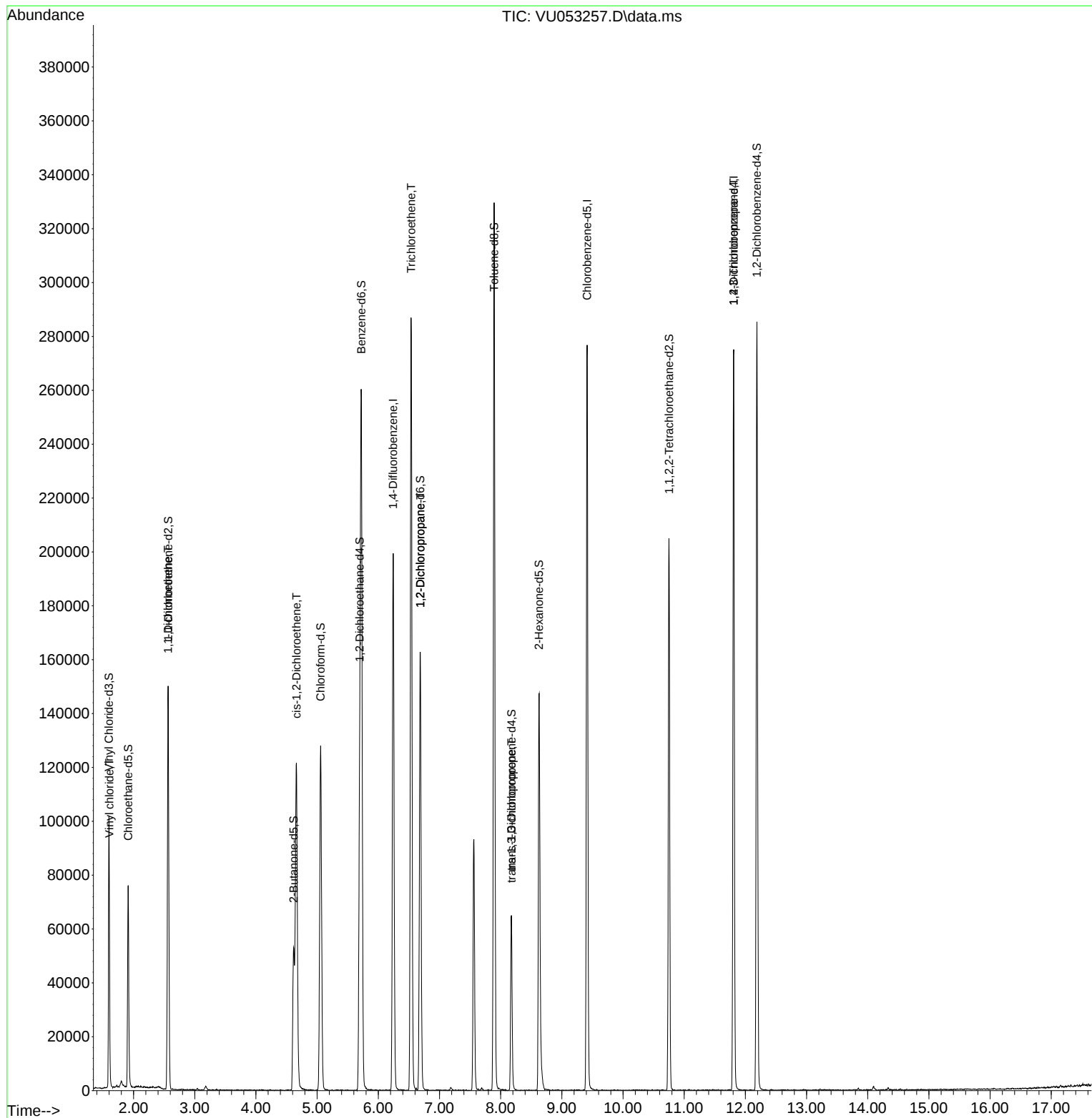
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	158275	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	144934	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66110	45.275	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	90.560%	
7) Chloroethane-d5	1.913	69	54256	45.937	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.880%	
11) 1,1-Dichloroethene-d2	2.565	63	88054	34.811	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.620%	
21) 2-Butanone-d5	4.617	46	73388	108.364	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.360%	
24) Chloroform-d	5.057	84	112907	46.947	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.900%	
26) 1,2-Dichloroethane-d4	5.697	65	76290	51.078	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.160%	
32) Benzene-d6	5.723	84	242037	51.487	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.980%	
36) 1,2-Dichloropropane-d6	6.684	67	80173	52.842	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.680%	
41) Toluene-d8	7.893	98	217668	49.733	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.460%	
43) trans-1,3-Dichloroprop...	8.176	79	37190	49.681	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.360%	
47) 2-Hexanone-d5	8.626	63	53527	112.845	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	112.850%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100870	51.322	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	102.640%	
66) 1,2-Dichlorobenzene-d4	12.189	152	68811	53.861	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.720%	
Target Compounds						
5) Vinyl chloride	1.604	62	6983	4.193	ug/L	87
12) 1,1-Dichloroethene	2.562	96	686	0.590	ug/L #	1
20) cis-1,2-Dichloroethene	4.662	96	59147	42.698	ug/L	99
34) Trichloroethene	6.536	95	96009	73.280	ug/L	99
37) 1,2-Dichloropropane	6.687	63	8653	6.172	ug/L #	90
44) trans-1,3-Dichloropropene	8.179	75	1711	0.813	ug/L	95
60) 1,2,3-Trichloropropane	11.809	75	10094	7.699	ug/L #	69

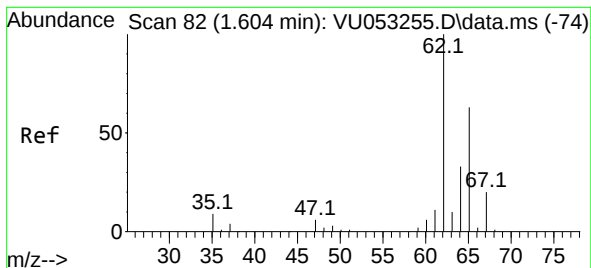
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.193 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053257.D

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Instrument :

MSVOA_U

ClientSampleId :

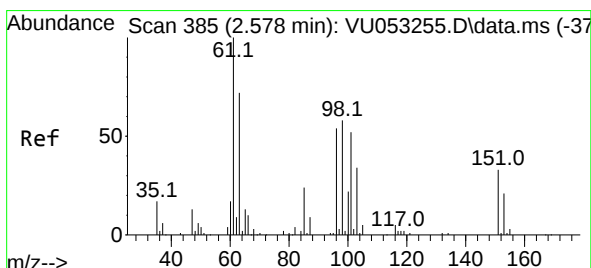
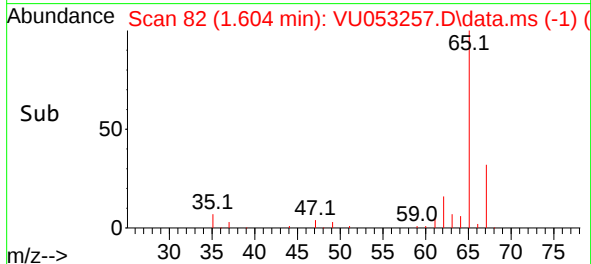
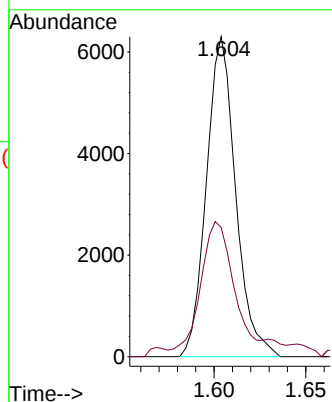
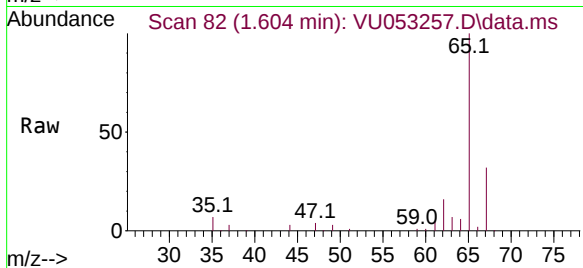
EYFF0DL

Tgt Ion: 62 Resp: 6983

Ion Ratio Lower Upper

62 100

64 40.3 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU053257.D

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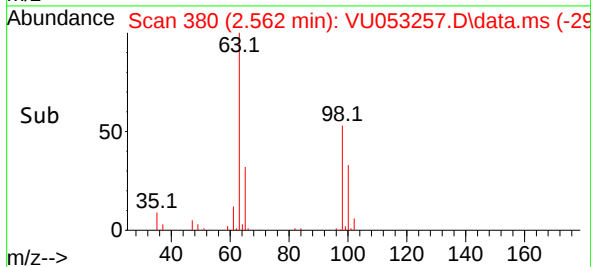
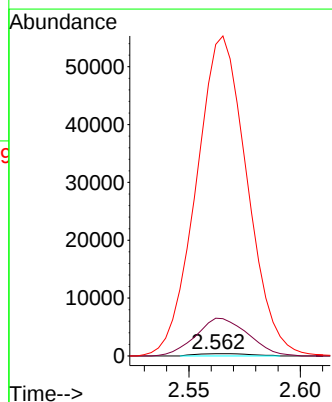
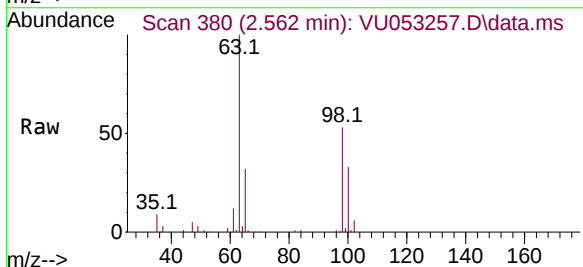
Tgt Ion: 96 Resp: 686

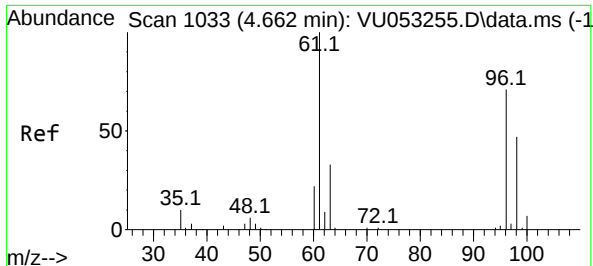
Ion Ratio Lower Upper

96 100

61 1649.2 122.2 226.9#

63 13600.0 89.9 166.9#

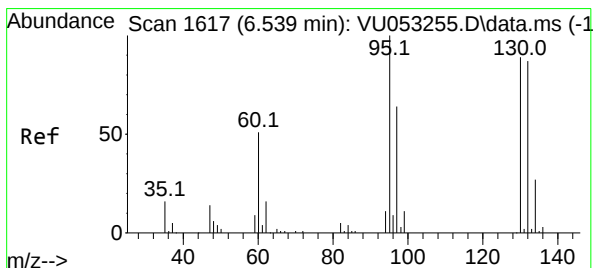
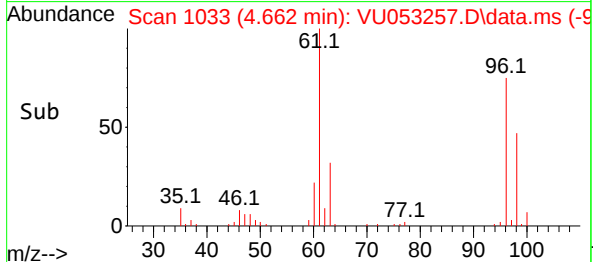
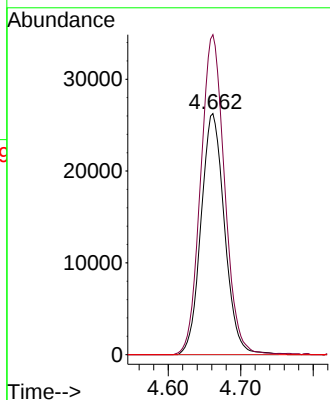
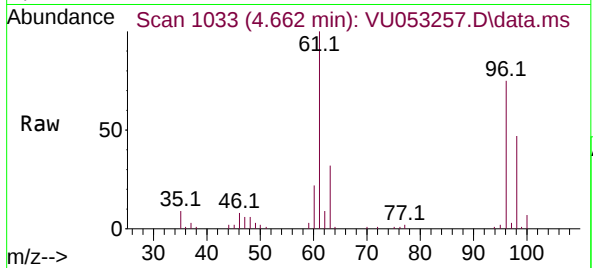




#20
cis-1,2-Dichloroethene
Concen: 42.698 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053257.D
Acq: 17 Mar 2023 11:18

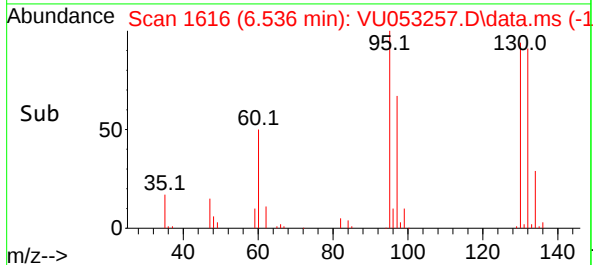
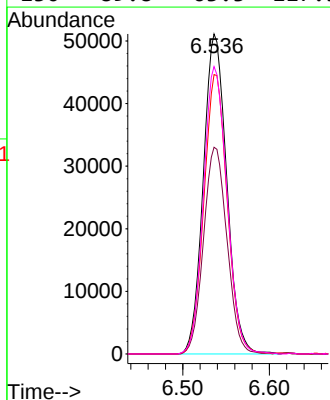
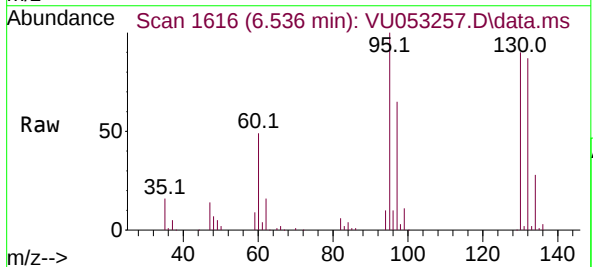
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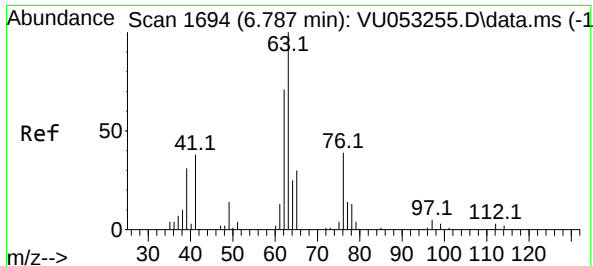
Tgt Ion: 96 Resp: 59147
Ion Ratio Lower Upper
96 100
61 132.8 92.5 171.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 73.280 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053257.D
Acq: 17 Mar 2023 11:18

Tgt Ion: 95 Resp: 96009
Ion Ratio Lower Upper
95 100
97 64.6 43.8 81.3
132 87.3 61.5 114.3
130 89.8 63.3 117.5

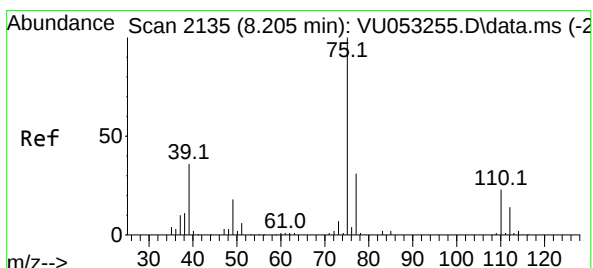
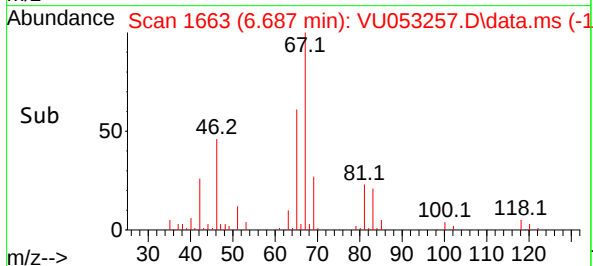
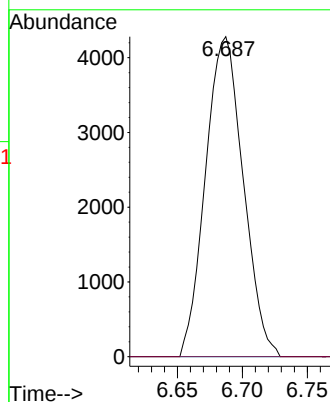
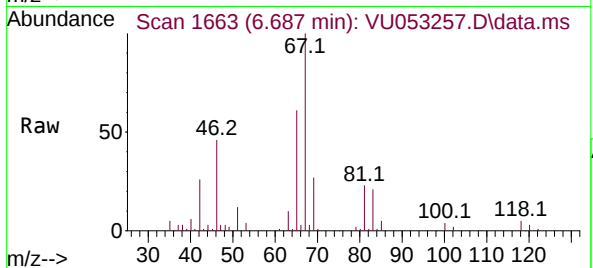




#37
1,2-Dichloropropane
Concen: 6.172 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU053257.D
Acq: 17 Mar 2023 11:18

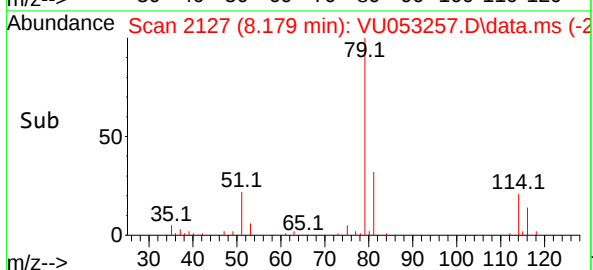
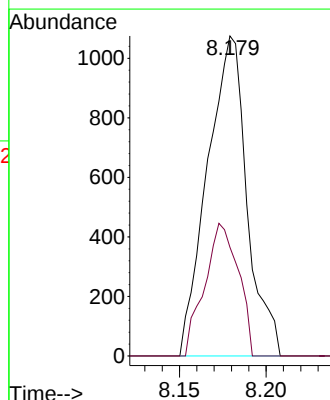
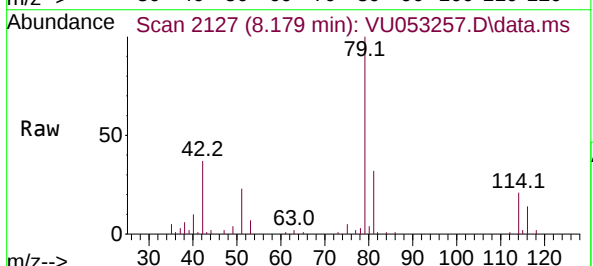
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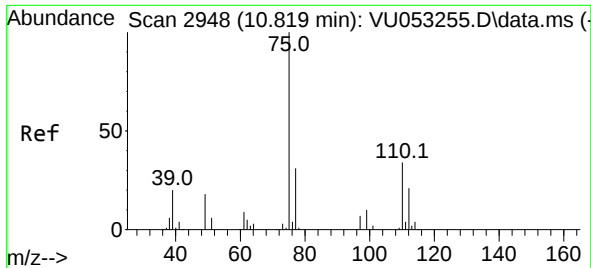
Tgt Ion: 63 Resp: 8653
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#44
trans-1,3-Dichloropropene
Concen: 0.813 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.026 min
Lab File: VU053257.D
Acq: 17 Mar 2023 11:18

Tgt Ion: 75 Resp: 1711
Ion Ratio Lower Upper
75 100
77 34.0 22.0 40.8





#60
 1,2,3-Trichloropropane
 Concen: 7.699 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053257.D
 Acq: 17 Mar 2023 11:18

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF0DL

Tgt Ion: 75 Resp: 10094
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.6 40.0
 110 0.9 28.6 42.8#

