

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031022\
 Data File : VW024946.D
 Acq On : 11 Mar 2022 04:03
 Operator : SY/MD
 Sample : N1856-16
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D73

Quant Time: Mar 11 05:29:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 05:21:24 2022
 Response via : Initial Calibration

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

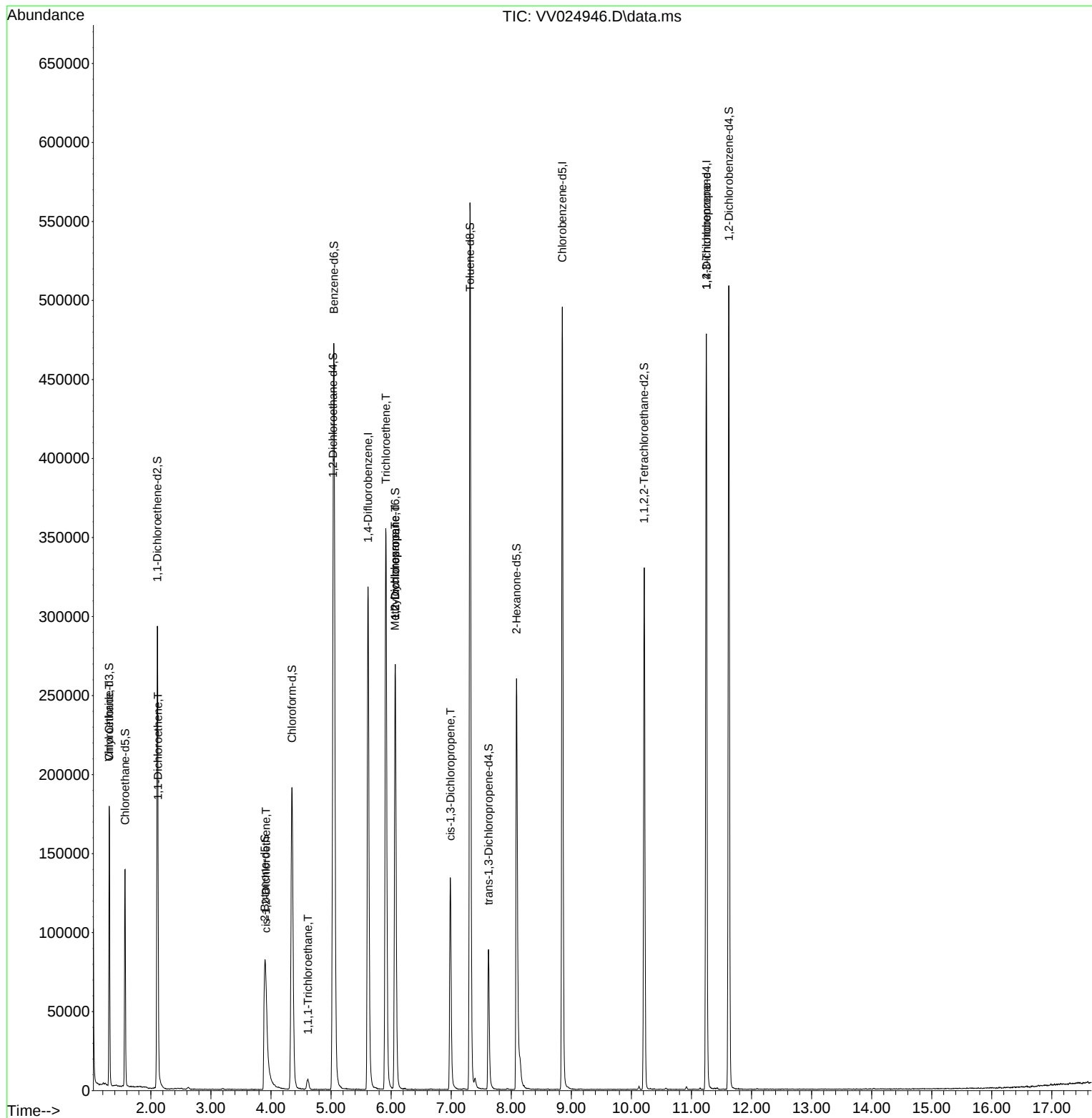
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	282432	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	273824	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122122	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	111766	38.918	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.840%	
7) Chloroethane-d5	1.571	69	89768	39.842	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	79.680%	
11) 1,1-Dichloroethene-d2	2.108	63	150881	31.302	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.600%	
21) 2-Butanone-d5	3.896	46	146234	89.476	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.480%	
24) Chloroform-d	4.349	84	205876	41.067	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.140%	
26) 1,2-Dichloroethane-d4	5.034	65	124112	41.960	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.920%	
32) Benzene-d6	5.050	84	434690	42.829	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.660%	
36) 1,2-Dichloropropane-d6	6.069	67	138130	43.682	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.360%	
41) Toluene-d8	7.313	98	378891	42.138	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.280%	
43) trans-1,3-Dichloroprop...	7.622	79	54266	39.495	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.980%	
47) 2-Hexanone-d5	8.088	63	97450	81.190	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	81.190%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	167312	44.609	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.220%	
66) 1,2-Dichlorobenzene-d4	11.622	152	126604	45.005	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						Qvalue
8) Chloroethane	1.307	64	1356	0.817	ug/L #	1
12) 1,1-Dichloroethene	2.121	96	9382	4.488	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	10679	4.363	ug/L	97
30) 1,1,1-Trichloroethane	4.616	97	5973	1.657	ug/L #	91
34) Trichloroethene	5.912	95	127712	50.413	ug/L	99
35) Methylcyclohexane	6.066	83	32322	8.409	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	14365	6.195	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	3076	0.881	ug/L #	62
61) 1,2,3-Trichloropropane	11.249	75	15428	6.314	ug/L #	65

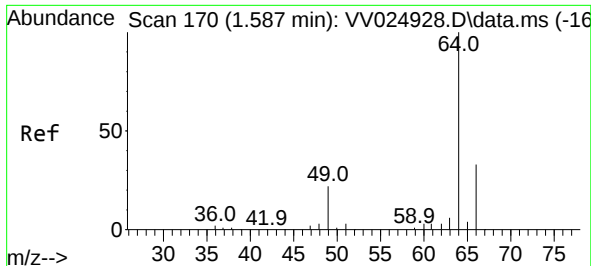
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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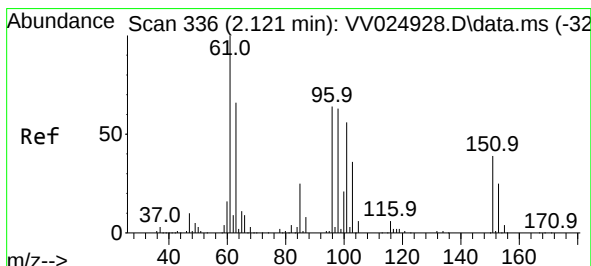
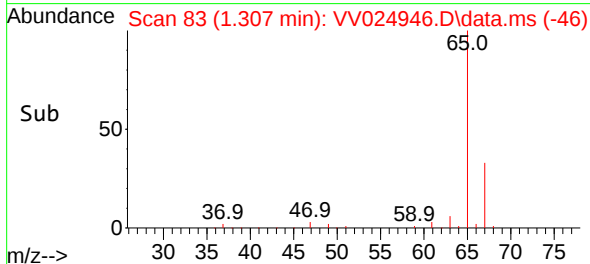
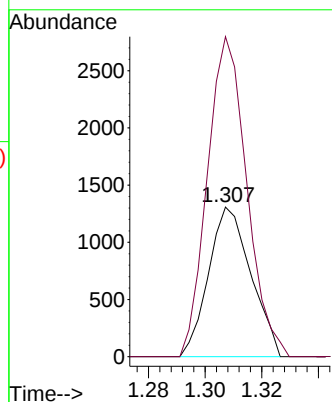
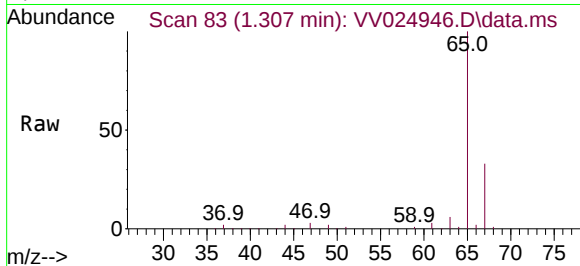




#8
Chloroethane
Concen: 0.817 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.280 min
Lab File: VV024946.D
Acq: 11 Mar 2022 04:03

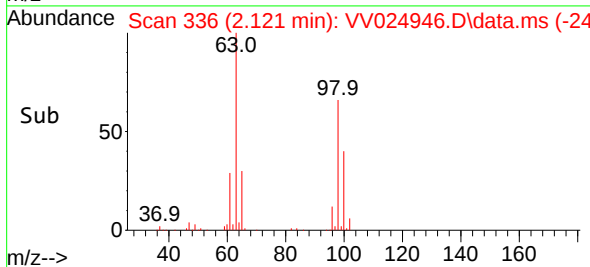
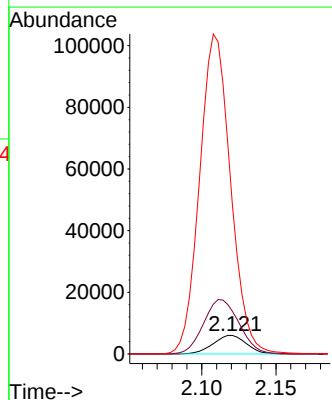
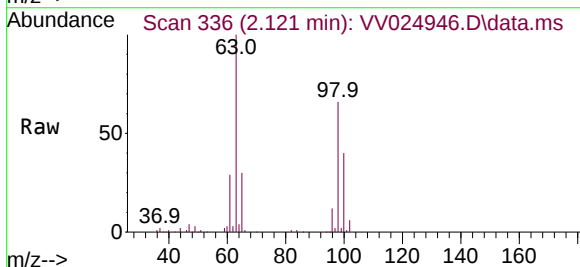
Instrument :
MSVOA_V
ClientSampleId :
C0D73

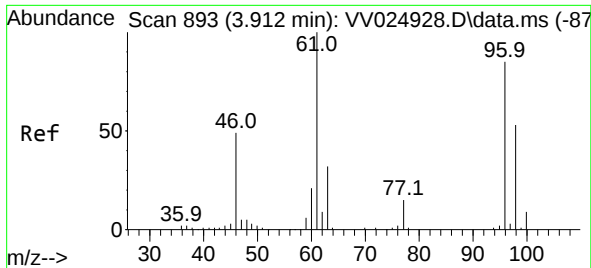
Tgt Ion: 64 Resp: 1356
Ion Ratio Lower Upper
64 100
66 213.9 22.2 41.2#



#12
1,1-Dichloroethene
Concen: 4.488 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV024946.D
Acq: 11 Mar 2022 04:03

Tgt Ion: 96 Resp: 9382
Ion Ratio Lower Upper
96 100
61 230.8 117.6 218.4#
63 807.1 105.3 195.5#

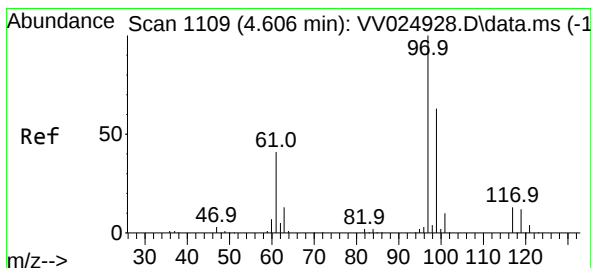
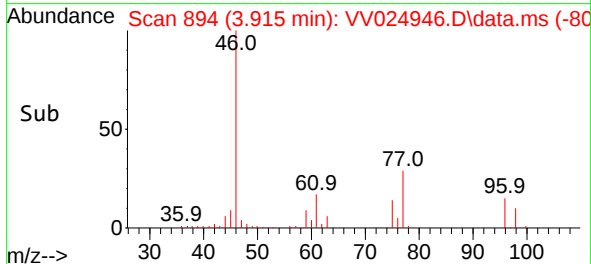
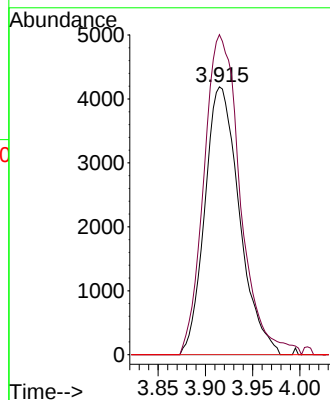
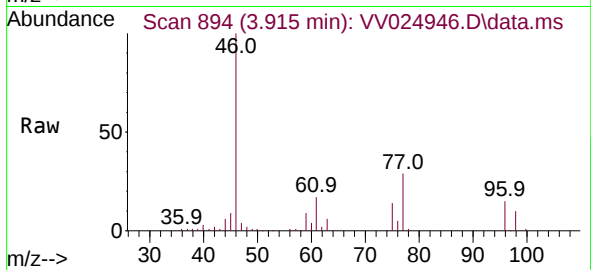




#20
 cis-1,2-Dichloroethene
 Concen: 4.363 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV024946.D
 Acq: 11 Mar 2022 04:03

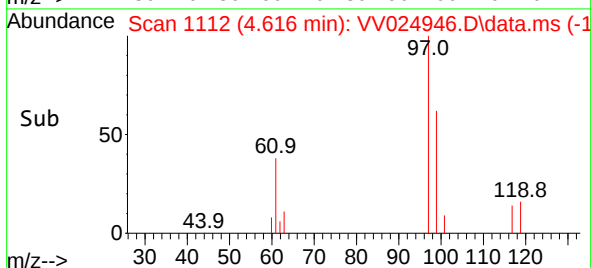
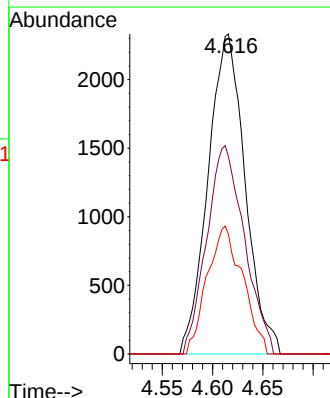
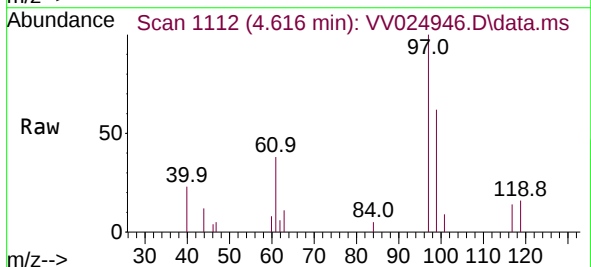
Instrument :
 MSVOA_V
 ClientSampleId :
 C0D73

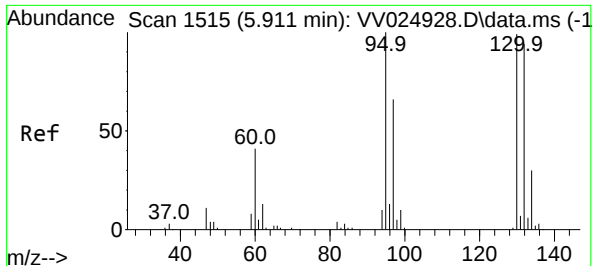
Tgt Ion: 96 Resp: 10679
 Ion Ratio Lower Upper
 96 100
 61 119.4 86.1 159.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.657 ug/L
 RT: 4.616 min Scan# 1112
 Delta R.T. 0.010 min
 Lab File: VV024946.D
 Acq: 11 Mar 2022 04:03

Tgt Ion: 97 Resp: 5973
 Ion Ratio Lower Upper
 97 100
 99 66.3 51.5 77.3
 61 30.0 33.8 50.8#

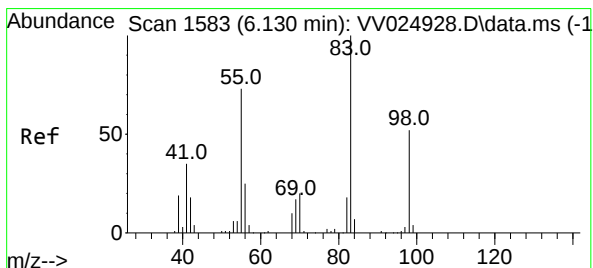
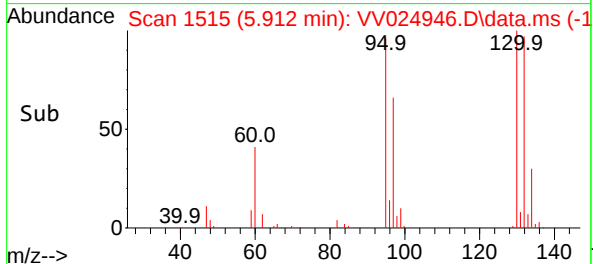
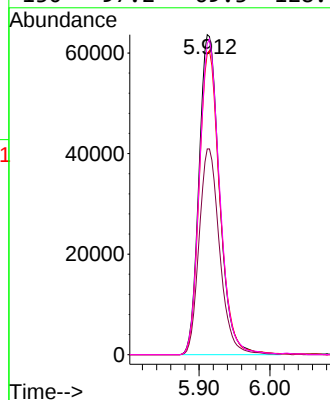
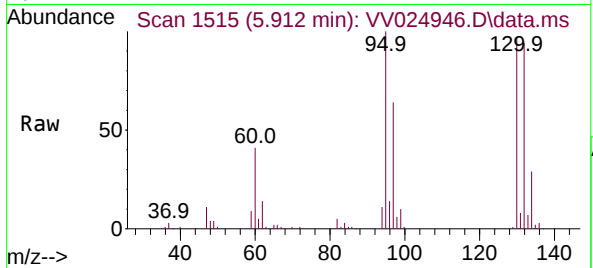




#34
Trichloroethene
Concen: 50.413 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV024946.D
Acq: 11 Mar 2022 04:03

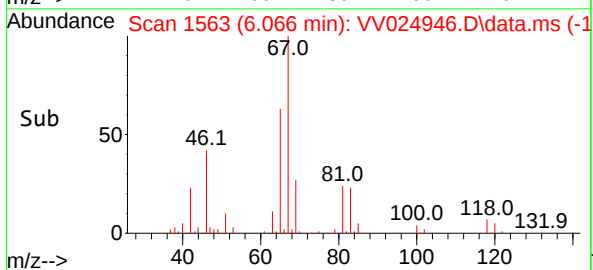
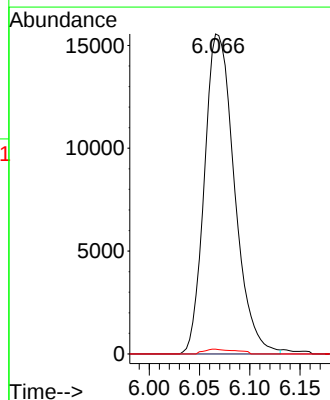
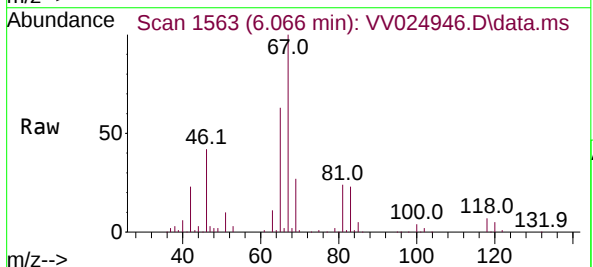
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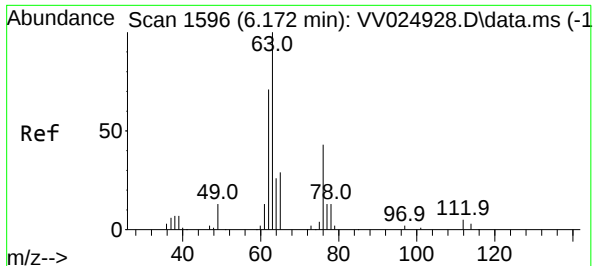
Tgt Ion: 95 Resp: 127712
Ion Ratio Lower Upper
95 100
97 64.3 45.3 84.1
132 94.2 65.0 120.6
130 97.2 69.3 128.7



#35
Methylcyclohexane
Concen: 8.409 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV024946.D
Acq: 11 Mar 2022 04:03

Tgt Ion: 83 Resp: 32322
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 1.2 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 6.195 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024946.D

Acq: 11 Mar 2022 04:03

Instrument :

MSVOA_V

ClientSampleId :

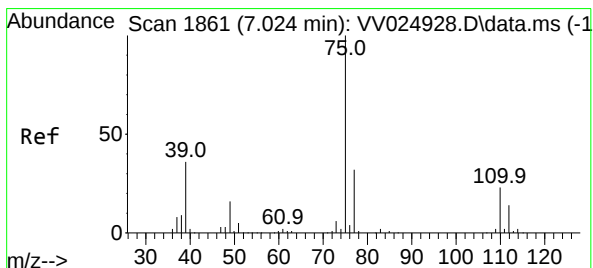
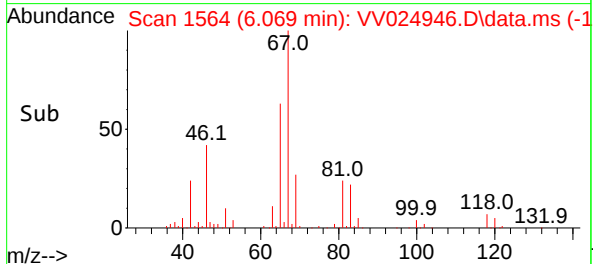
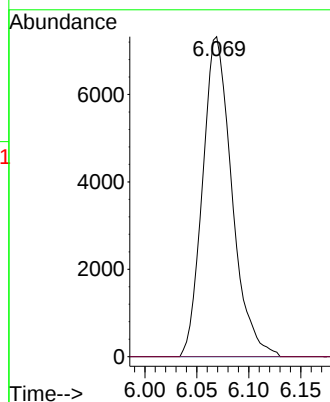
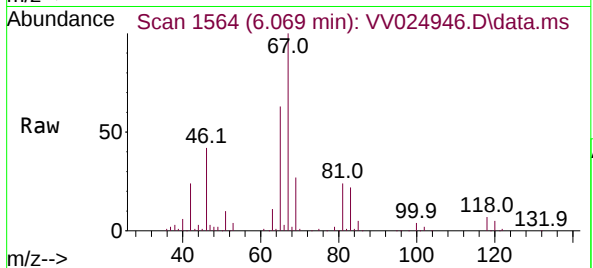
C0D73

Tgt Ion: 63 Resp: 14365

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.881 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024946.D

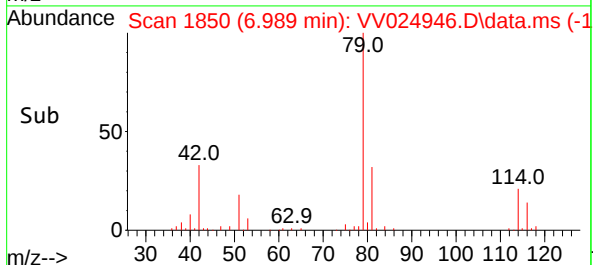
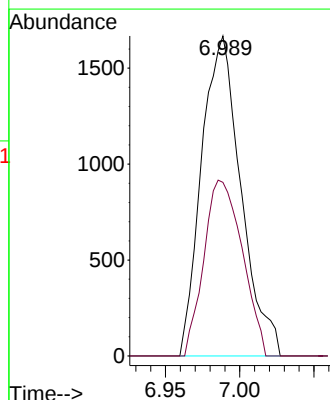
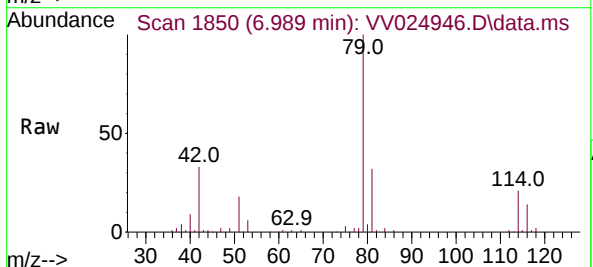
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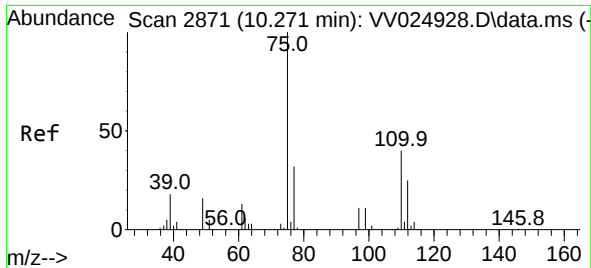
Tgt Ion: 75 Resp: 3076

Ion Ratio Lower Upper

75 100

77 54.3 22.9 42.5#





#61
 1,2,3-Trichloropropane
 Concen: 6.314 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV024946.D
 Acq: 11 Mar 2022 04:03

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Tgt Ion: 75	Resp:	15428
Ion Ratio	Lower	Upper
75	100	
77	30.1	25.4 38.0
110	2.1	31.4 47.2#

