

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031122\
 Data File : VV024971.D
 Acq On : 11 Mar 2022 18:08
 Operator : SY/MD
 Sample : N1880-09
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC1

Quant Time: Mar 11 23:12:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

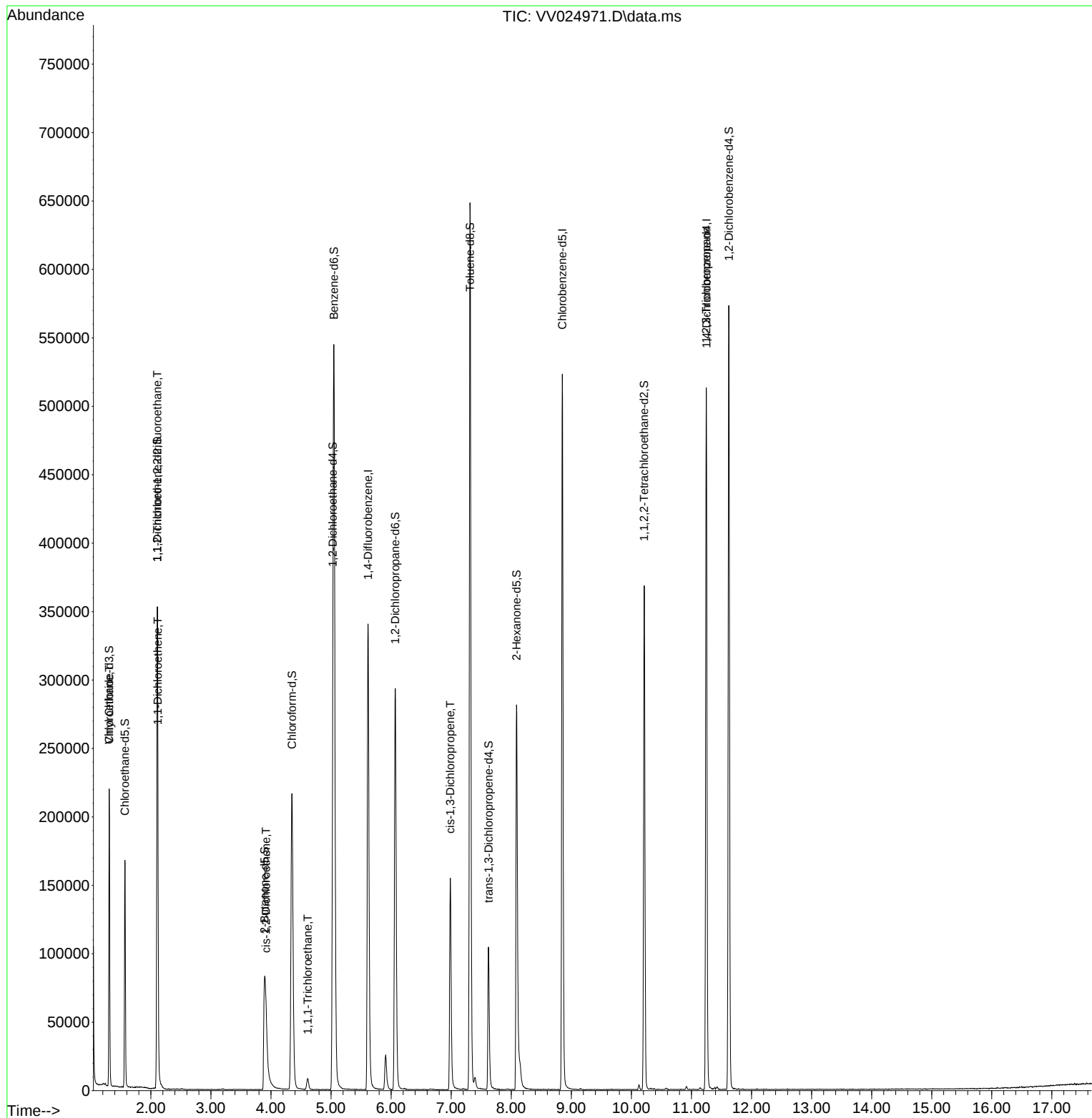
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	299376	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	294315	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131916	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	137358	45.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.240%
7) Chloroethane-d5	1.568	69	105485	44.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.340%
11) 1,1-Dichloroethene-d2	2.108	63	179294	35.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.180%
21) 2-Butanone-d5	3.892	46	151486	87.443	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.440%
24) Chloroform-d	4.349	84	232379	43.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.460%
26) 1,2-Dichloroethane-d4	5.030	65	142242	45.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.740%
32) Benzene-d6	5.050	84	497851	45.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	6.069	67	152833	44.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.940%
41) Toluene-d8	7.313	98	432051	44.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.420%
43) trans-1,3-Dichloroprop...	7.622	79	63238	42.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.640%
47) 2-Hexanone-d5	8.088	63	104431	80.948	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.950%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	183636	45.553	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.100%
66) 1,2-Dichlorobenzene-d4	11.622	152	144376	47.512	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.020%
Target Compounds						
8) Chloroethane	1.307	64	1730	0.984	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1753	0.770	ug/L #	23
12) 1,1-Dichloroethene	2.117	96	10819	4.882	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	11362	4.380	ug/L	95
30) 1,1,1-Trichloroethane	4.612	97	6965	1.797	ug/L	95
39) cis-1,3-Dichloropropene	6.985	75	3745	0.998	ug/L #	66
61) 1,2,3-Trichloropropane	11.246	75	16995	6.439	ug/L #	67

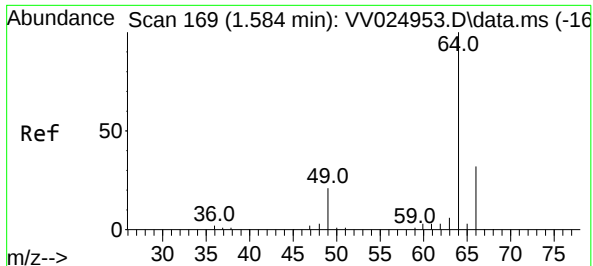
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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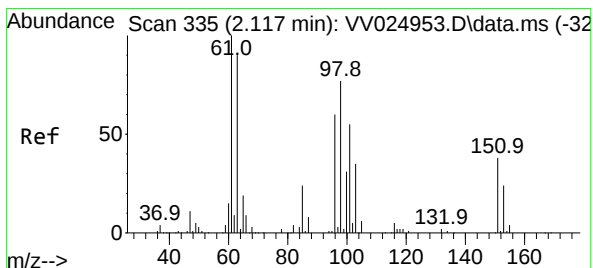
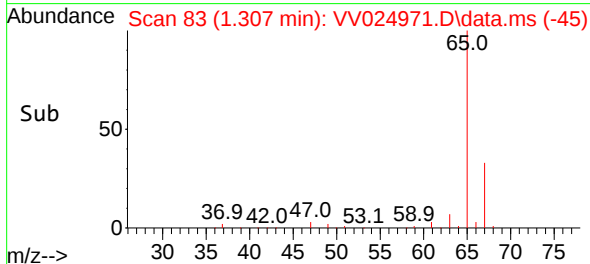
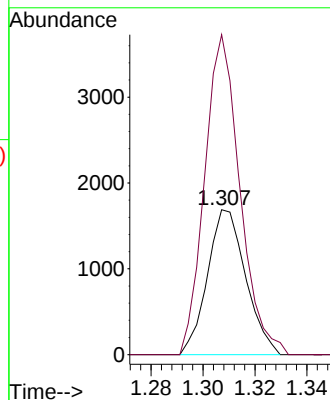
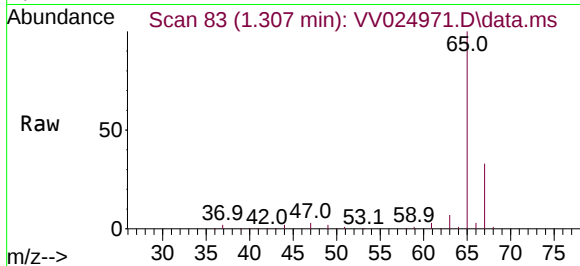




#8
Chloroethane
Concen: 0.984 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV024971.D
Acq: 11 Mar 2022 18:08

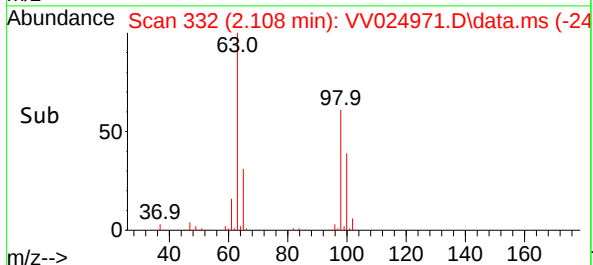
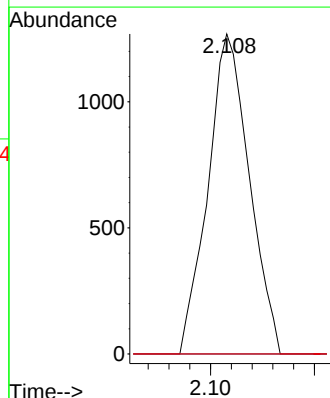
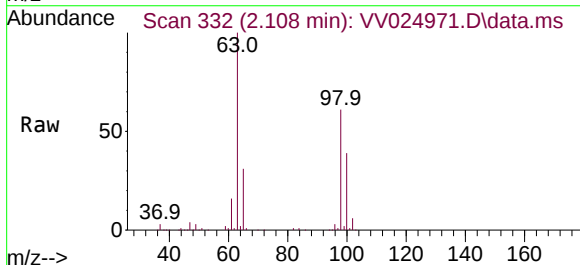
Instrument :
MSVOA_V
ClientSampleId :
C0DC1

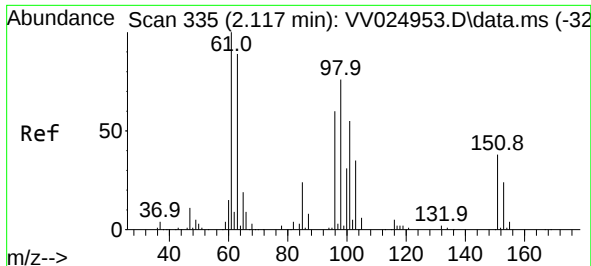
Tgt Ion: 64 Resp: 1730
Ion Ratio Lower Upper
64 100
66 220.7 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.770 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV024971.D
Acq: 11 Mar 2022 18:08

Tgt Ion: 101 Resp: 1753
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.8#
151 0.0 54.1 81.1#

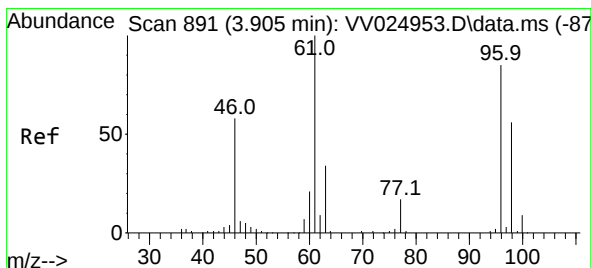
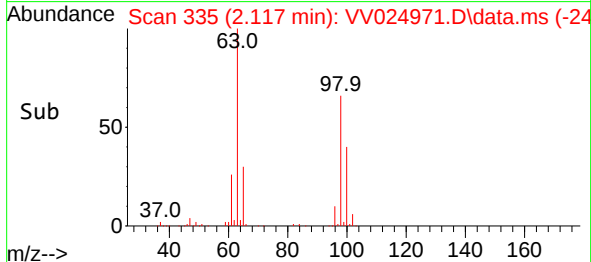
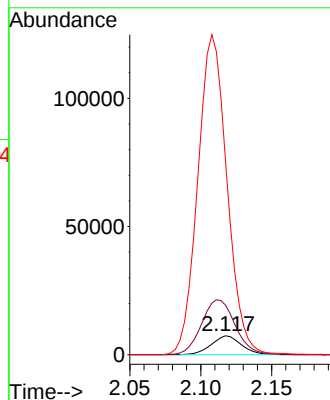
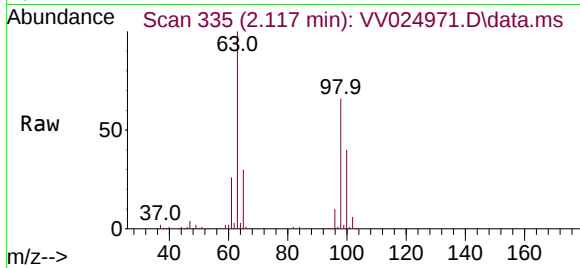




#12
 1,1-Dichloroethene
 Concen: 4.882 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV024971.D
 Acq: 11 Mar 2022 18:08

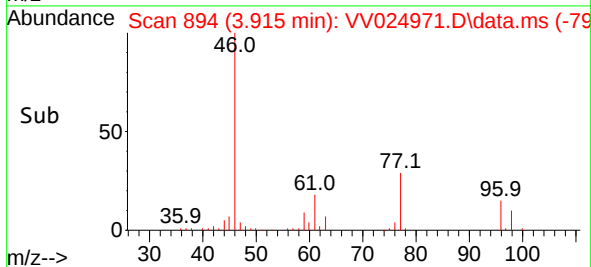
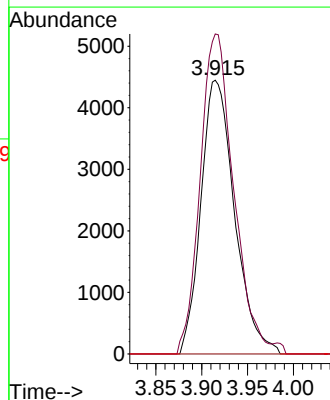
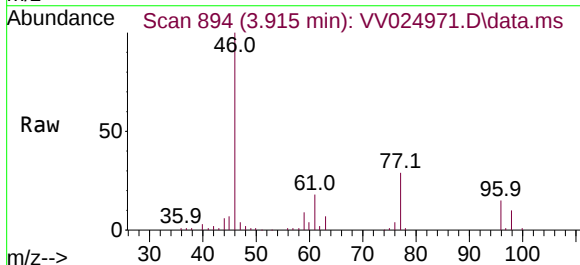
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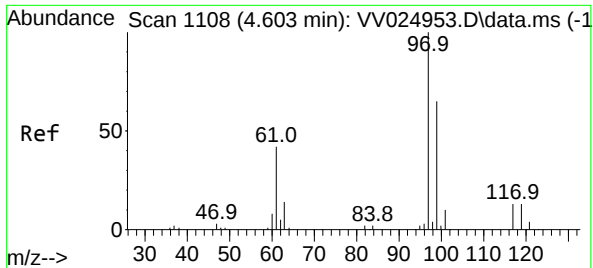
Tgt Ion: 96 Resp: 10819
 Ion Ratio Lower Upper
 96 100
 61 262.5 117.6 218.4#
 63 1028.8 105.3 195.5#



#20
 cis-1,2-Dichloroethene
 Concen: 4.380 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.010 min
 Lab File: VV024971.D
 Acq: 11 Mar 2022 18:08

Tgt Ion: 96 Resp: 11362
 Ion Ratio Lower Upper
 96 100
 61 116.9 86.1 159.9
 68 0.0 0.0 0.0

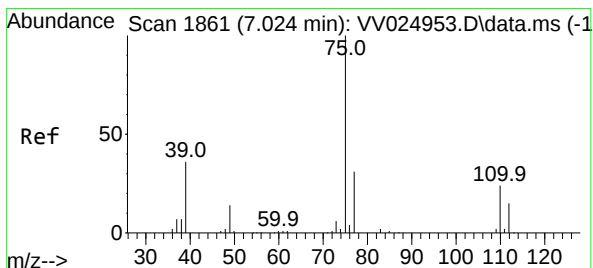
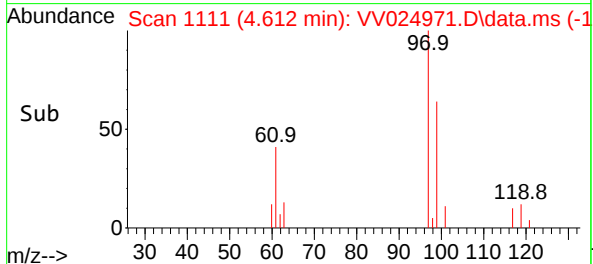
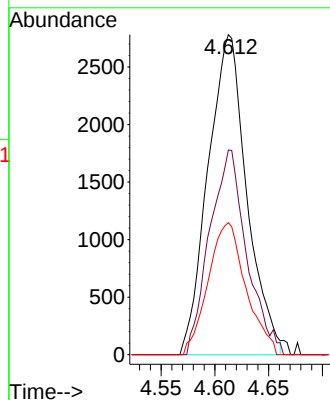
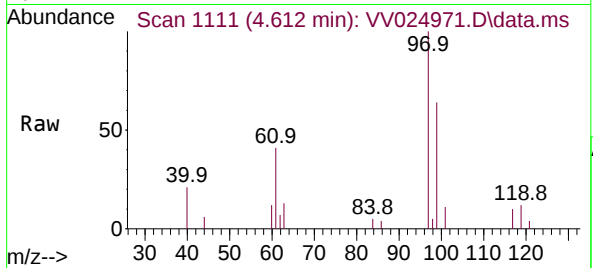




#30
 1,1,1-Trichloroethane
 Concen: 1.797 ug/L
 RT: 4.612 min Scan# 1108
 Delta R.T. 0.010 min
 Lab File: VV024971.D
 Acq: 11 Mar 2022 18:08

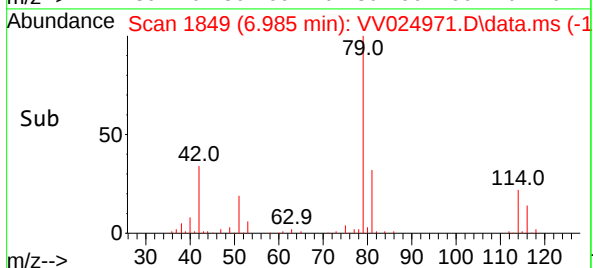
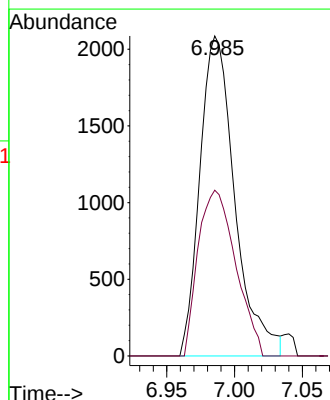
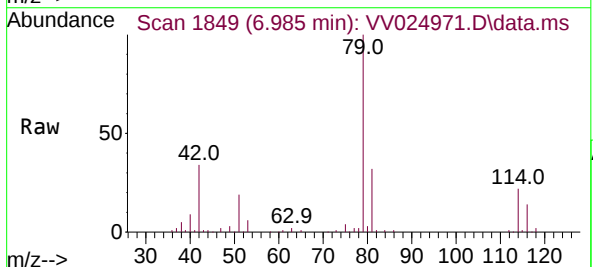
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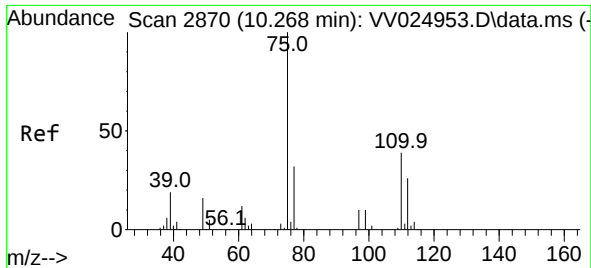
Tgt Ion:	97	Resp:	6965
Ion	Ratio	Lower	Upper
97	100		
99	60.0	51.5	77.3
61	40.3	33.8	50.8



#39
 cis-1,3-Dichloropropene
 Concen: 0.998 ug/L
 RT: 6.985 min Scan# 1849
 Delta R.T. -0.039 min
 Lab File: VV024971.D
 Acq: 11 Mar 2022 18:08

Tgt Ion:	75	Resp:	3745
Ion	Ratio	Lower	Upper
75	100		
77	51.8	22.9	42.5#





#61
 1,2,3-Trichloropropane
 Concen: 6.439 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV024971.D
 Acq: 11 Mar 2022 18:08

Instrument :
 MSVOA_V
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
110	2.6	31.4	47.2#

