

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022851.D
 Acq On : 15 Oct 2021 21:05
 Operator : SY/MD
 Sample : M4181-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:30:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

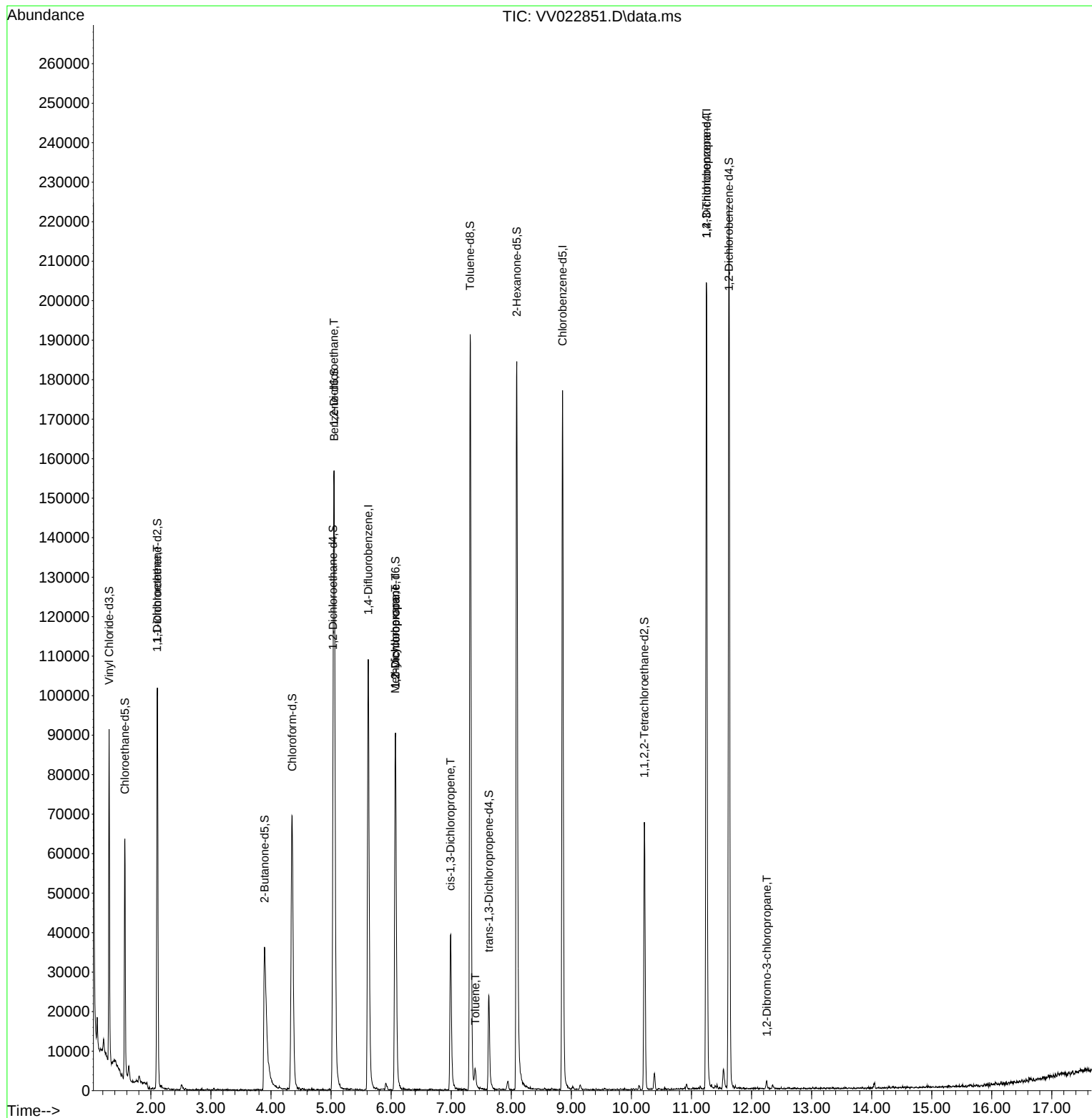
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99224	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	101070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48756	7.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	142.800%#
7) Chloroethane-d5	1.568	69	37664	6.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.800%
11) 1,1-Dichloroethene-d2	2.108	63	52326	3.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.892	46	72677	40.602	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.200%
24) Chloroform-d	4.352	84	73808	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.034	65	36029	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.053	84	145090	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.072	67	43129	4.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	130258	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.628	79	13998	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.091	63	63880	53.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31587	5.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60589	5.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.105	96	455	0.076	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	999	0.147	ug/L #	69
35) Methylcyclohexane	6.069	83	11538	1.113	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5007	0.765	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	928	0.107	ug/L	88
42) Toluene	7.400	91	3906	0.141	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	5993	1.570	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.255	75	44	0.063	ug/L #	1

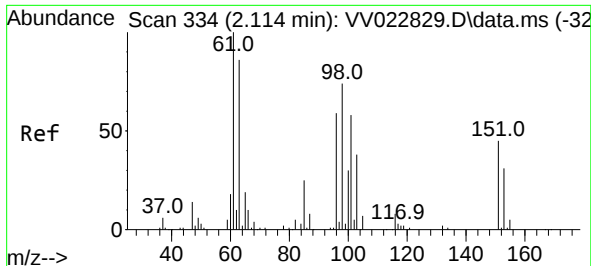
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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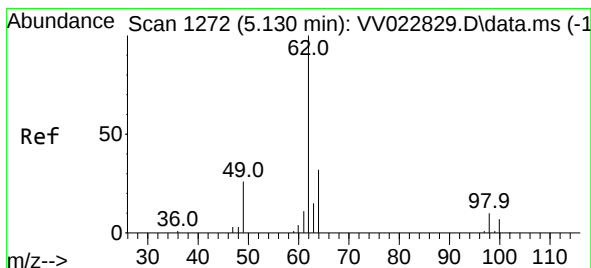
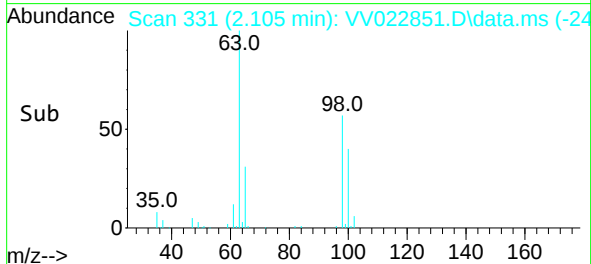
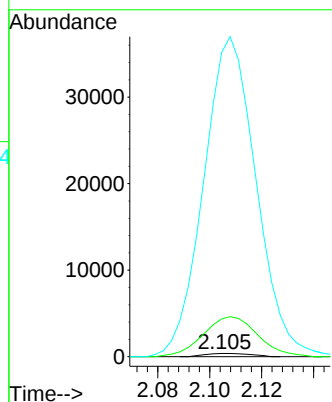
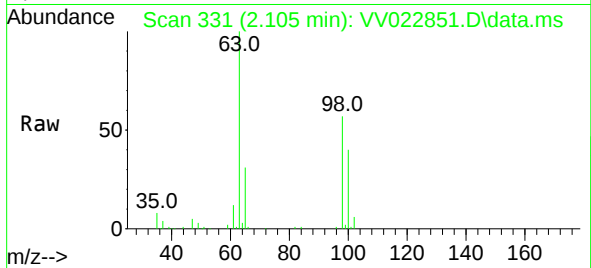




#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022851.D
Acq: 15 Oct 2021 21:05

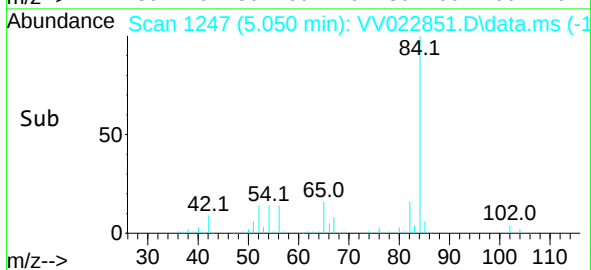
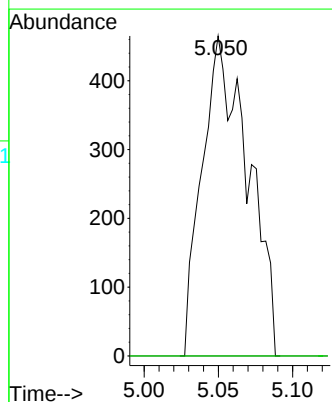
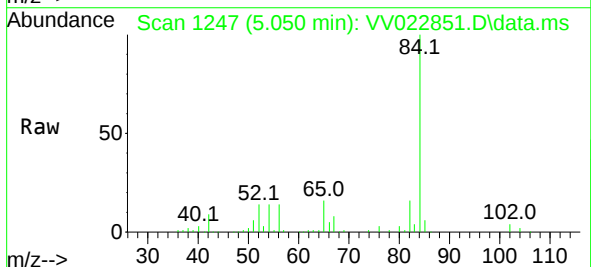
Instrument :
MSVOA_V
ClientSampled :

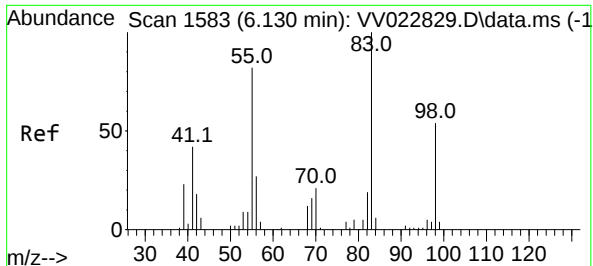
Tgt Ion: 96 Resp: 455
Ion Ratio Lower Upper
96 100
61 1168.1 127.3 236.5#
63 9424.1 106.2 197.2#



#27
1,2-Dichloroethane
Concen: 0.147 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV022851.D
Acq: 15 Oct 2021 21:05

Tgt Ion: 62 Resp: 999
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#35

Methylcyclohexane

Concen: 1.113 ug/L

RT: 6.069 min Scan# 1564

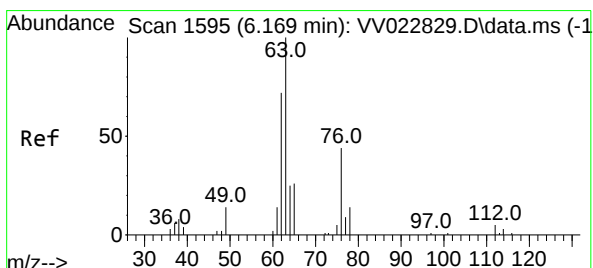
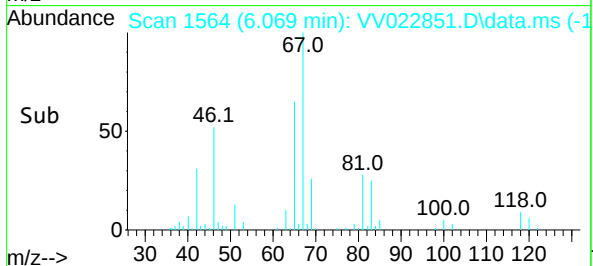
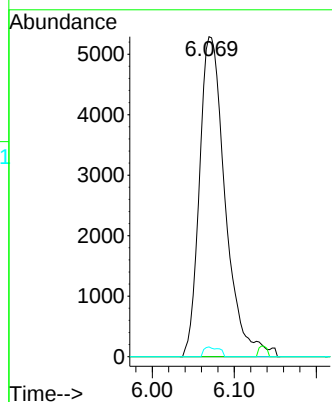
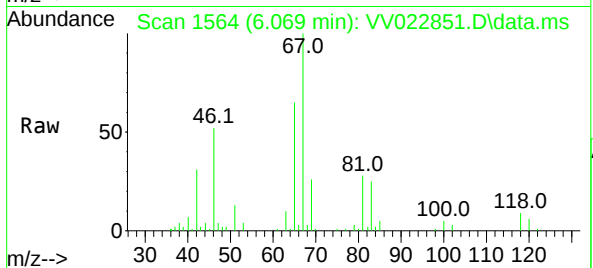
Delta R.T. -0.061 min

Lab File: VV022851.D

Acq: 15 Oct 2021 21:05

Tgt Ion:	83	Resp:	11538
Ion	Ratio	Lower	Upper
83	100		
55	1.0	63.8	95.6#
98	1.8	42.1	63.1#

Instrument :
MSVOA_V
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.765 ug/L

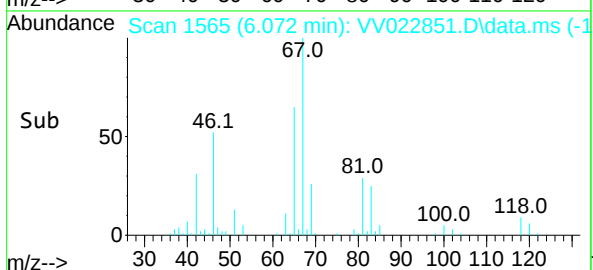
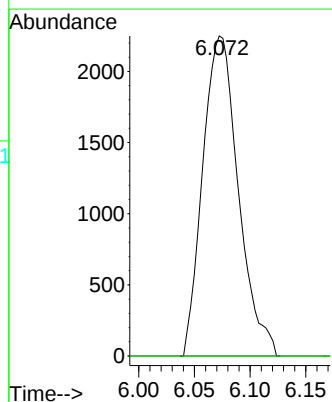
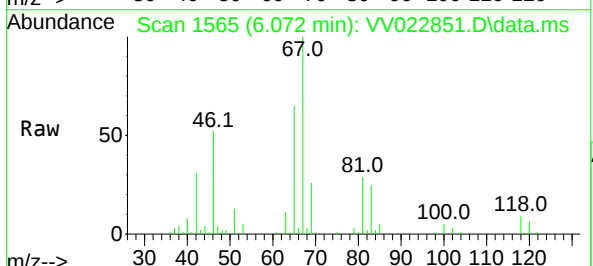
RT: 6.072 min Scan# 1565

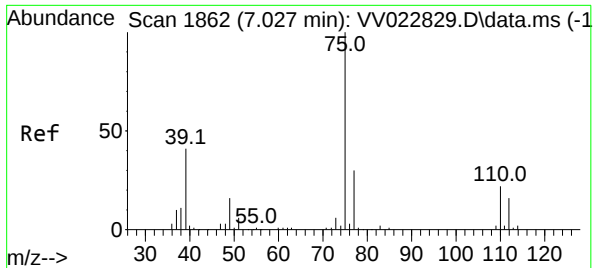
Delta R.T. -0.096 min

Lab File: VV022851.D

Acq: 15 Oct 2021 21:05

Tgt Ion:	63	Resp:	5007
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

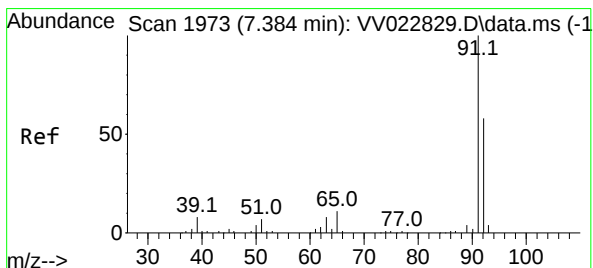
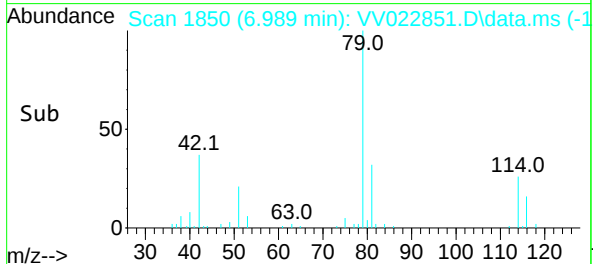
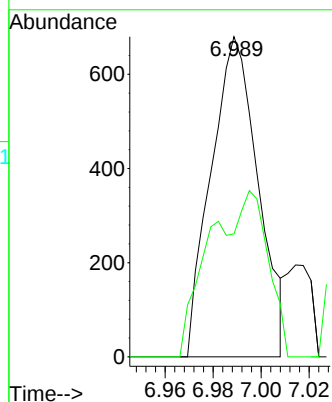
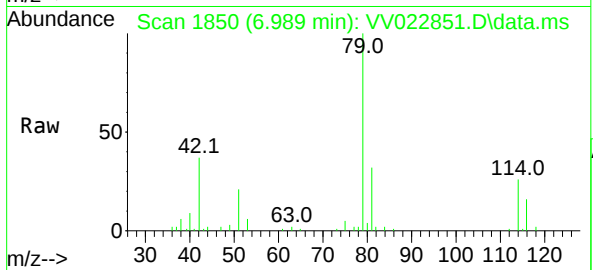




#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV022851.D
 Acq: 15 Oct 2021 21:05

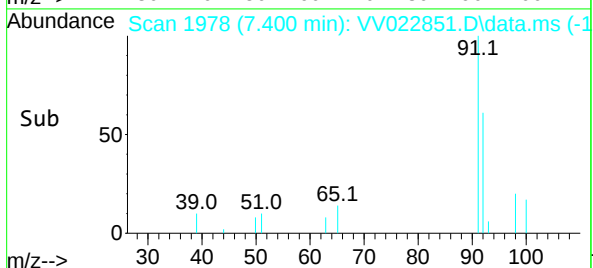
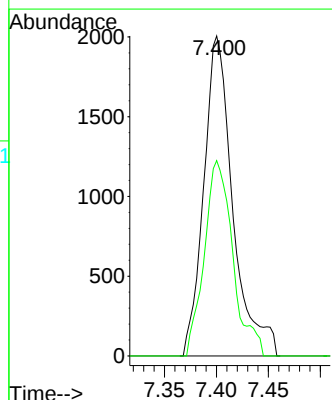
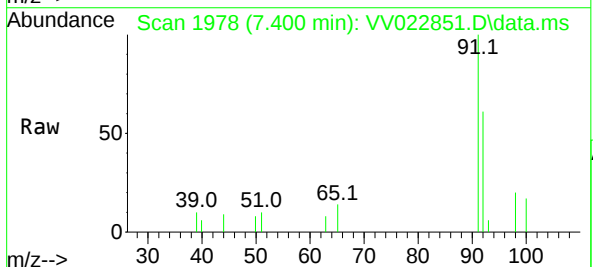
Instrument :
 MSVOA_V
 ClientSampleId :

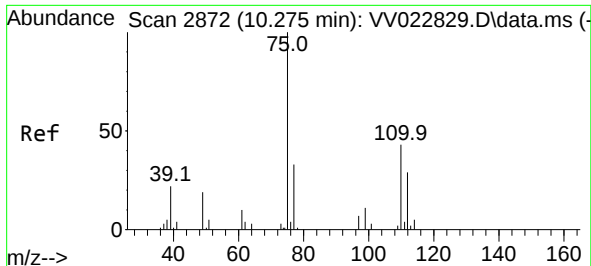
Tgt Ion: 75 Resp: 928
 Ion Ratio Lower Upper
 75 100
 77 38.4 22.3 41.3



#42
 Toluene
 Concen: 0.141 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.016 min
 Lab File: VV022851.D
 Acq: 15 Oct 2021 21:05

Tgt Ion: 91 Resp: 3906
 Ion Ratio Lower Upper
 91 100
 92 61.1 40.7 75.7

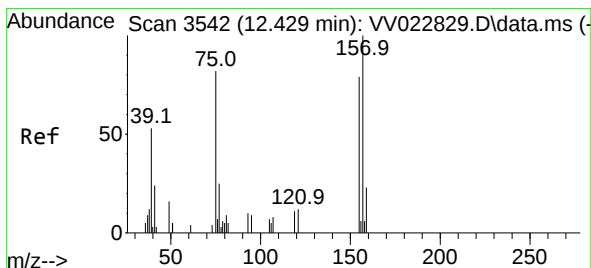
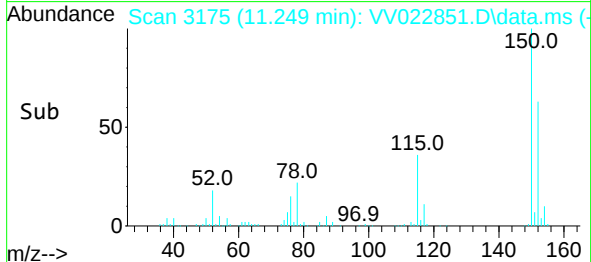
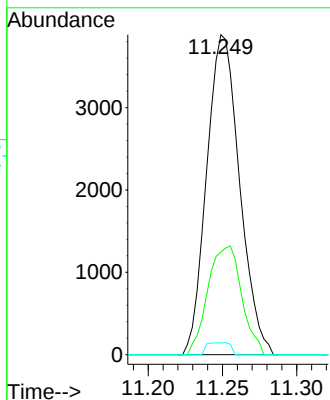
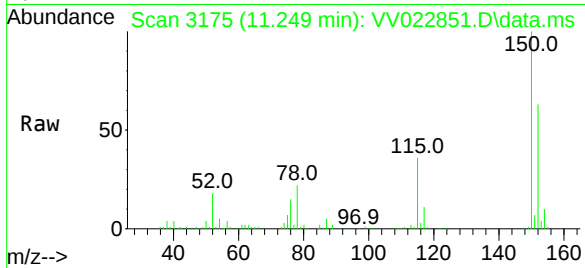




#61
1,2,3-Trichloropropane
Concen: 1.570 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022851.D
Acq: 15 Oct 2021 21:05

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 5993
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.2
110 2.7 34.2 51.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.063 ug/L
RT: 12.255 min Scan# 3488
Delta R.T. -0.174 min
Lab File: VV022851.D
Acq: 15 Oct 2021 21:05

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#

