

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
 Data File : VV022305.D
 Acq On : 24 Sep 2021 00:14
 Operator : SY/MD
 Sample : M3878-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 05:11:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 05:07:58 2021
 Response via : Initial Calibration

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

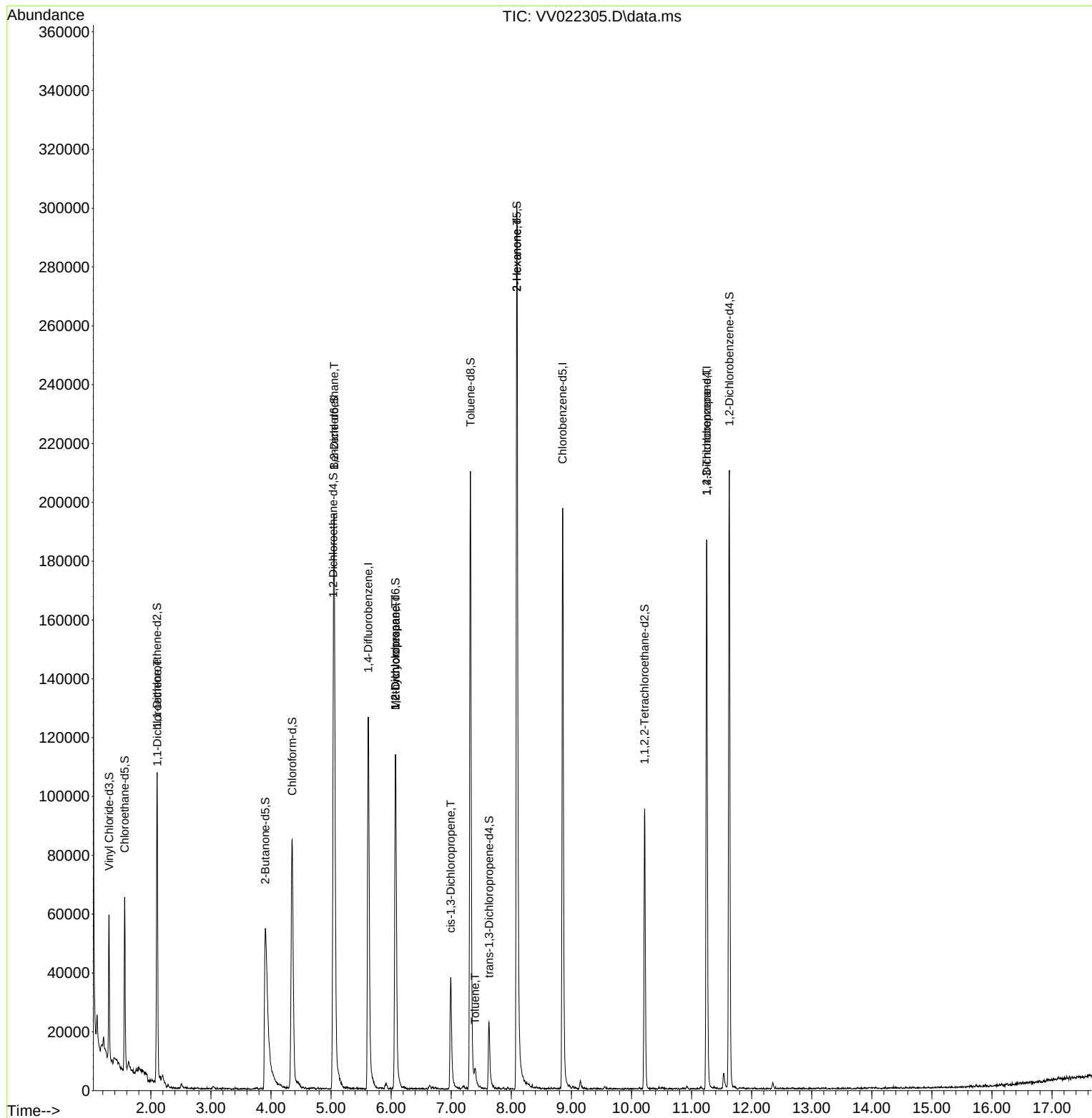
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115332	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28867	4.967	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.565	69	36286	5.336	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.800%	
11) 1,1-Dichloroethene-d2	2.105	63	52390	3.781	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.600%	
20) 2-Butanone-d5	3.905	46	138640	58.378	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.760%	
24) Chloroform-d	4.352	84	87616	5.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
26) 1,2-Dichloroethane-d4	5.037	65	45058	5.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.200%	
32) Benzene-d6	5.050	84	177750	5.522	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.400%	
36) 1,2-Dichloropropane-d6	6.072	67	56787	5.649	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.000%	
41) Toluene-d8	7.320	98	143309	4.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
43) trans-1,3-Dichloroprop...	7.629	79	14341	4.671	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.092	63	110471	57.868	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.740%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	44158	5.218	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	11.628	152	55782	6.068	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.400%#	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.108	96	528	0.081	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	1260	0.155	ug/L #	71
35) Methylcyclohexane	6.072	83	13519	1.106	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6560	0.863	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	995	0.099	ug/L #	81
42) Toluene	7.397	91	5105	0.160	ug/L	98
48) 2-Hexanone	8.095	43	13228	3.842	ug/L #	71
61) 1,2,3-Trichloropropane	11.252	75	5755	1.355	ug/L #	64

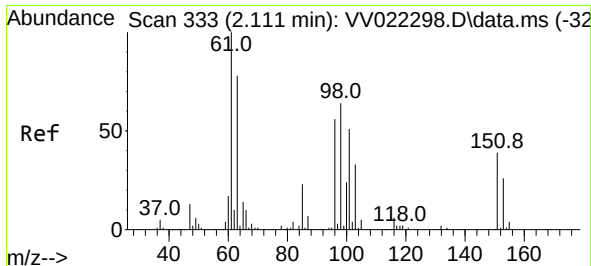
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 24 05:07:58 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

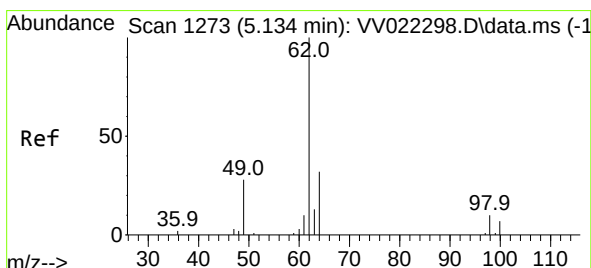
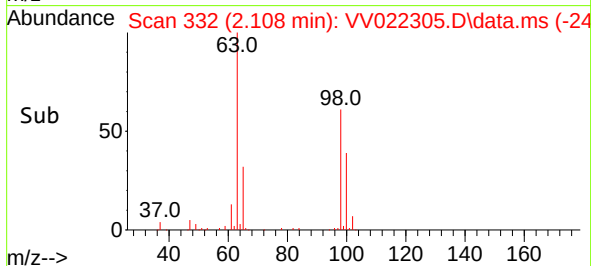
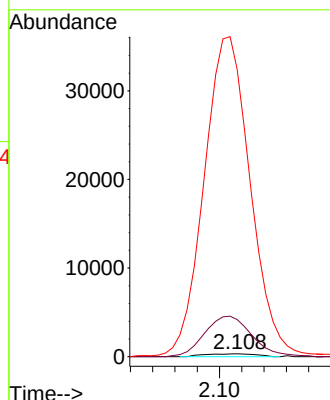
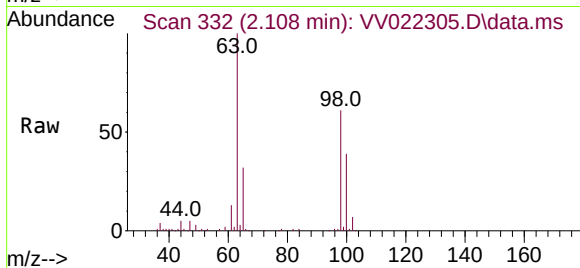
Lab File: VV022305.D

Acq: 24 Sep 2021 00:14

Tgt Ion: 96 Resp: 528

Ion	Ratio	Lower	Upper
96	100		
61	1273.9	127.4	236.6#
63	9857.8	100.0	185.6#

Instrument :
MSVOA_V
ClientSampled :



#27

1,2-Dichloroethane

Concen: 0.155 ug/L

RT: 5.050 min Scan# 1247

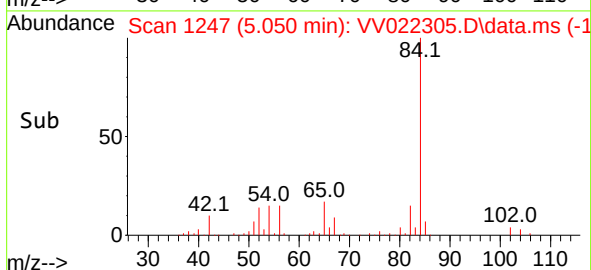
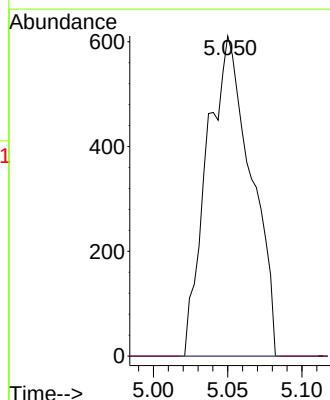
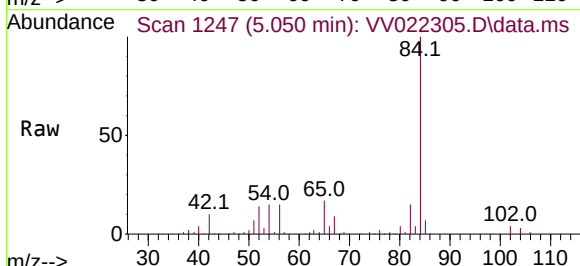
Delta R.T. -0.084 min

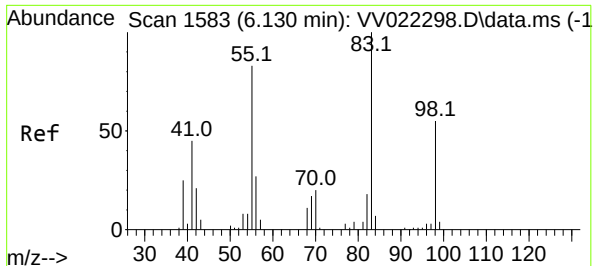
Lab File: VV022305.D

Acq: 24 Sep 2021 00:14

Tgt Ion: 62 Resp: 1260

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.8	13.2#





#35

Methylcyclohexane

Concen: 1.106 ug/L

RT: 6.072 min Scan# 1565

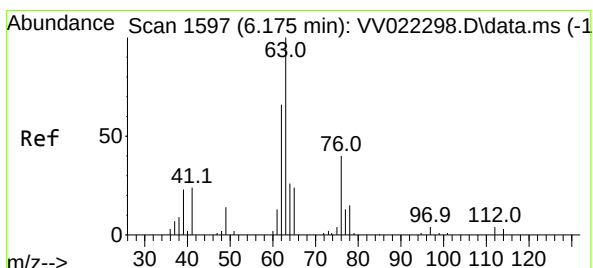
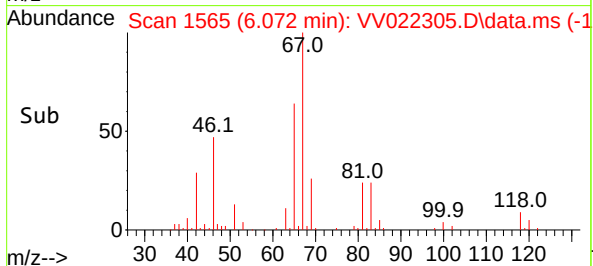
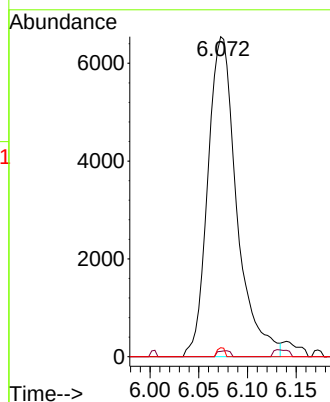
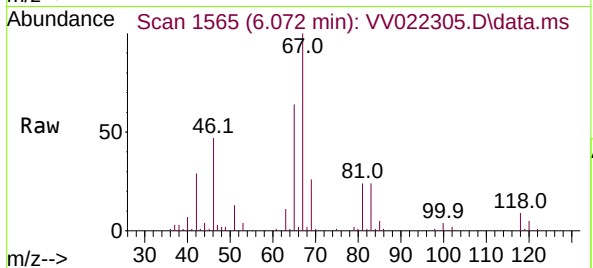
Delta R.T. -0.058 min

Lab File: VV022305.D

Acq: 24 Sep 2021 00:14

Tgt Ion:	83	Resp:	13519
Ion Ratio	Lower	Upper	
83	100		
55	0.8	60.2	90.2#
98	0.7	39.5	59.3#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.863 ug/L

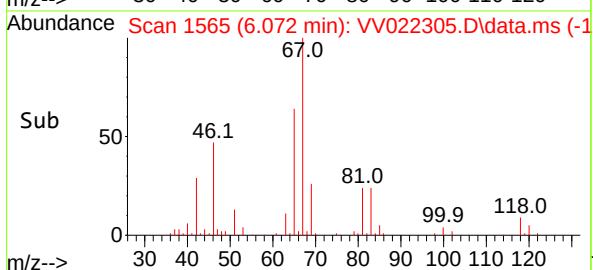
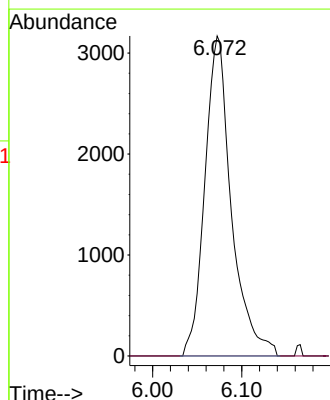
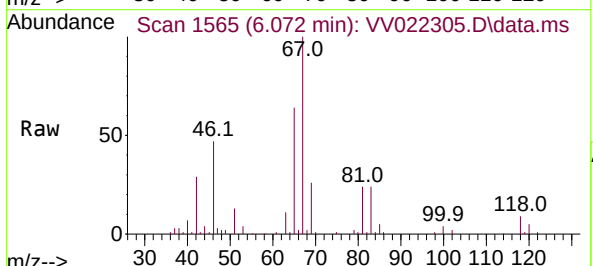
RT: 6.072 min Scan# 1565

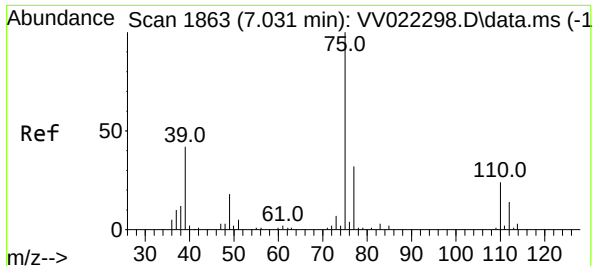
Delta R.T. -0.103 min

Lab File: VV022305.D

Acq: 24 Sep 2021 00:14

Tgt Ion:	63	Resp:	6560
Ion Ratio	Lower	Upper	
63	100		
112	0.3	4.2	6.2#



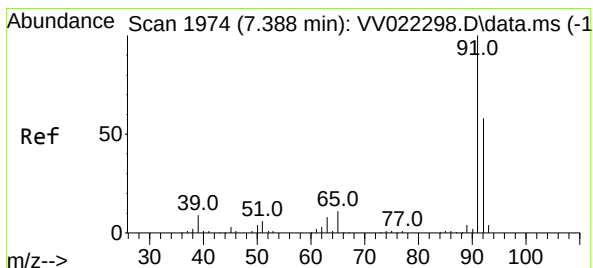
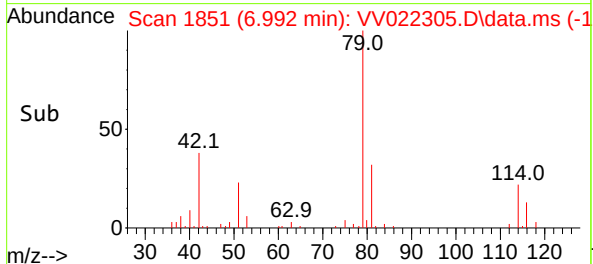
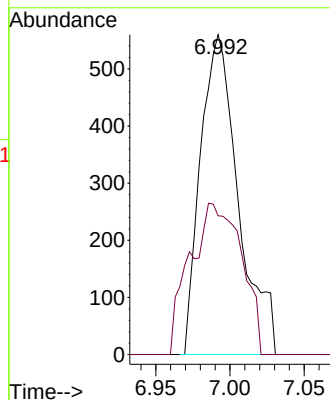
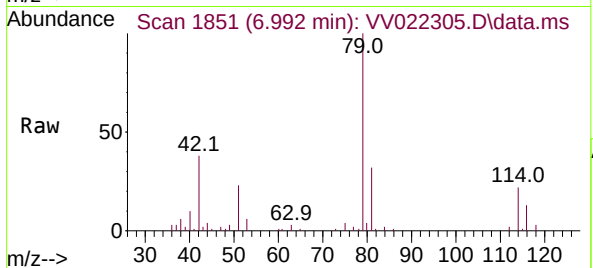


#39

cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.039 min
Lab File: VV022305.D
Acq: 24 Sep 2021 00:14

Instrument :
MSVOA_V
ClientSampled :

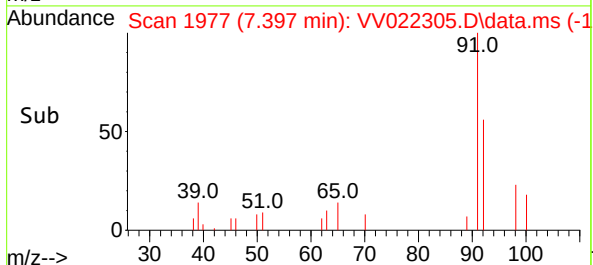
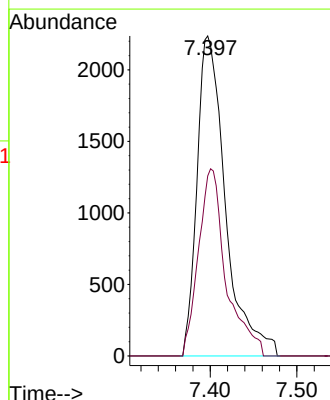
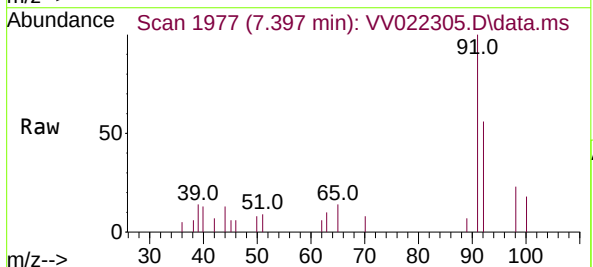
Tgt Ion: 75 Resp: 995
Ion Ratio Lower Upper
75 100
77 43.4 22.8 42.4#

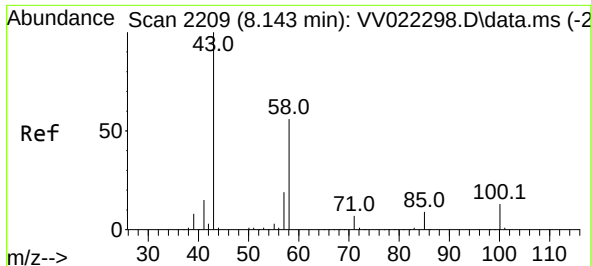


#42

Toluene
Concen: 0.160 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022305.D
Acq: 24 Sep 2021 00:14

Tgt Ion: 91 Resp: 5105
Ion Ratio Lower Upper
91 100
92 56.2 40.6 75.4

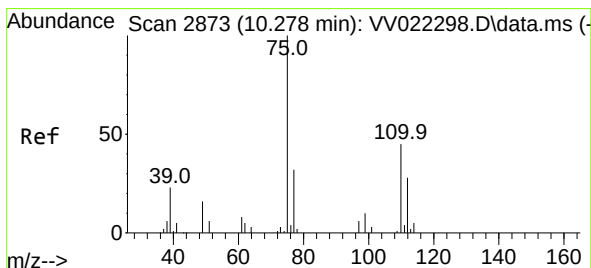
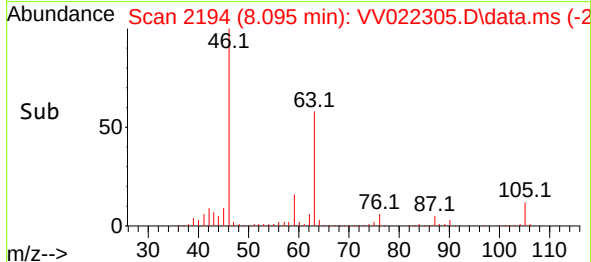
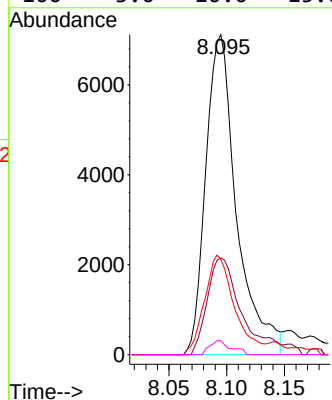
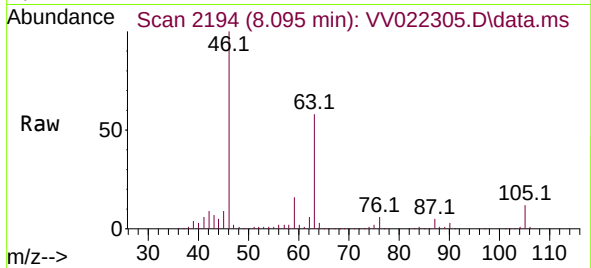




#48
2-Hexanone
Concen: 3.842 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.048 min
Lab File: VV022305.D
Acq: 24 Sep 2021 00:14

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	43	Resp:	13228
Ion Ratio	Lower	Upper	
43	100		
58	33.6	44.1	66.1#
57	30.4	14.2	21.4#
100	3.0	10.0	15.0#



#61
1,2,3-Trichloropropane
Concen: 1.355 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV022305.D
Acq: 24 Sep 2021 00:14

Tgt Ion:	75	Resp:	5755
Ion Ratio	Lower	Upper	
75	100		
77	34.5	25.5	38.3
110	1.8	31.7	47.5#

