

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023376.D
 Acq On : 11 Nov 2021 10:20
 Operator : SY/MD
 Sample : M4558-05DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:28:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

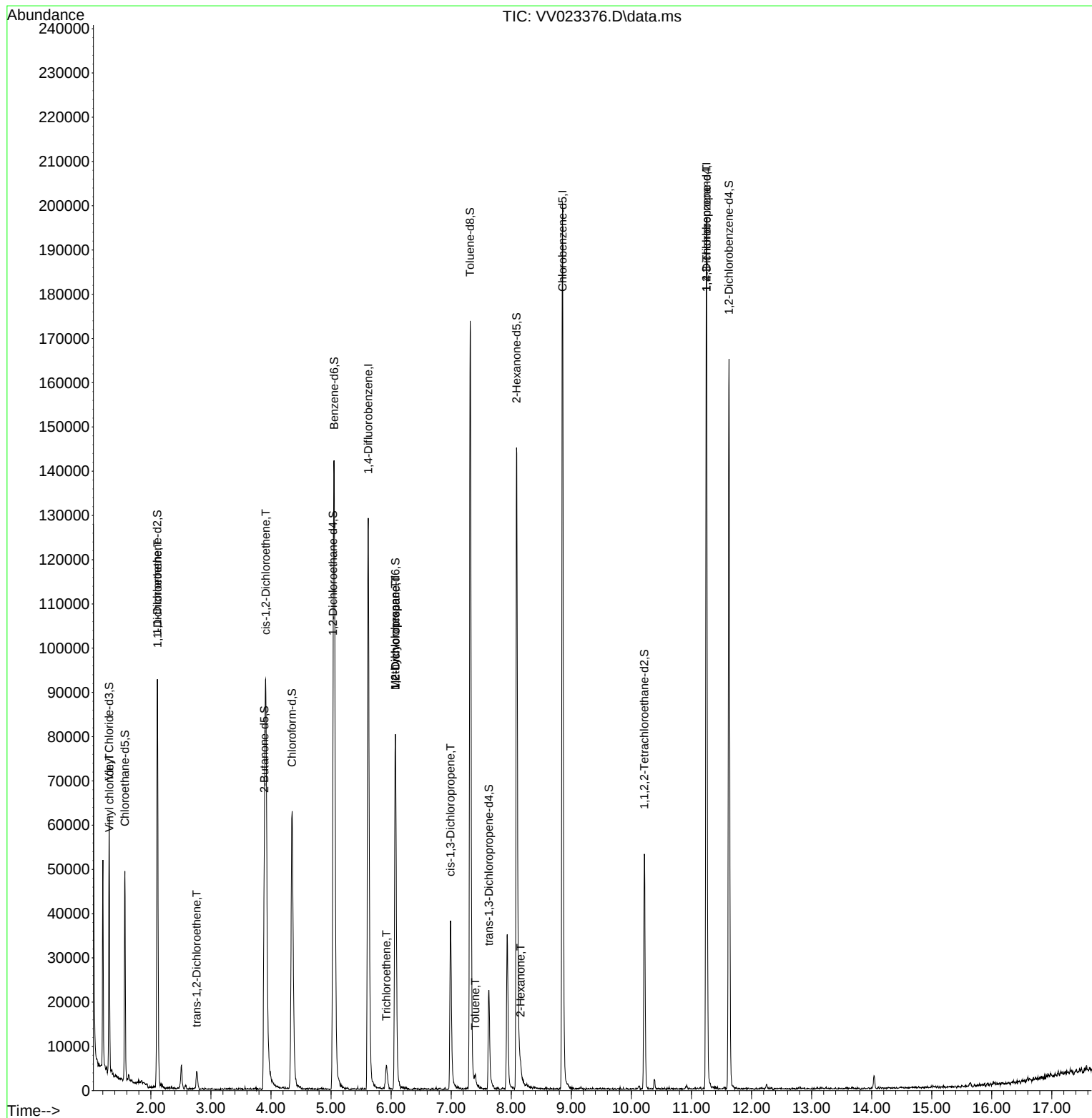
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114021	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33675	4.714	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.568	69	28099	4.827	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.108	63	47782	3.573	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	3.889	46	66190	53.786	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.580%	
24) Chloroform-d	4.352	84	65905	4.329	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4	5.034	65	32333	4.723	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.053	84	132458	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.072	67	39346	4.633	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.317	98	116113	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	7.629	79	14132	4.389	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.088	63	48252	40.726	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25461	4.169	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	43140	4.762	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
5) Vinyl chloride	1.311	62	2105	0.223	ug/L	83
12) 1,1-Dichloroethene	2.111	96	568	0.084	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	1837	0.220	ug/L	86
22) cis-1,2-Dichloroethene	3.912	96	44274	5.504	ug/L #	86
34) Trichloroethene	5.921	95	1434	0.172	ug/L	87
35) Methylcyclohexane	6.069	83	9474	0.718	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4348	0.593	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1039	0.098	ug/L #	77
42) Toluene	7.404	91	2056	0.061	ug/L #	75
48) 2-Hexanone	8.156	43	3168	1.329	ug/L #	62
61) 1,2,3-Trichloropropane	11.249	75	5924	1.639	ug/L #	64

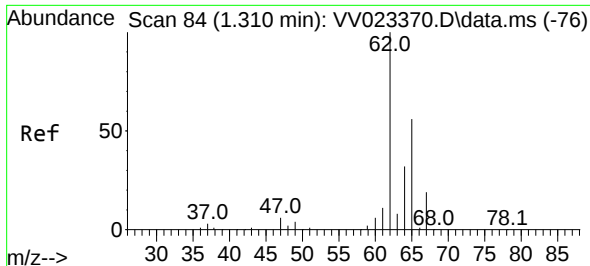
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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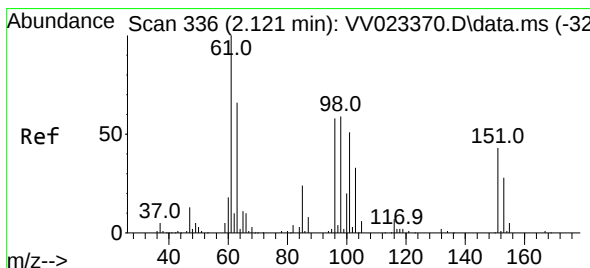
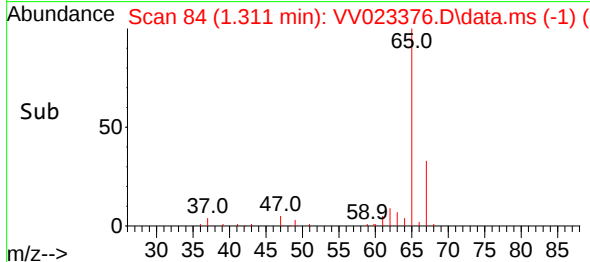
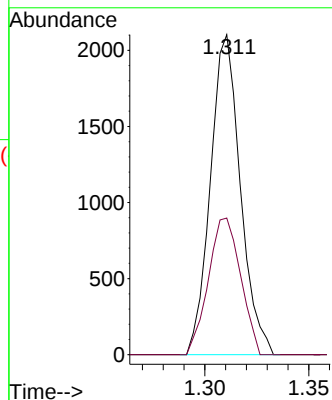
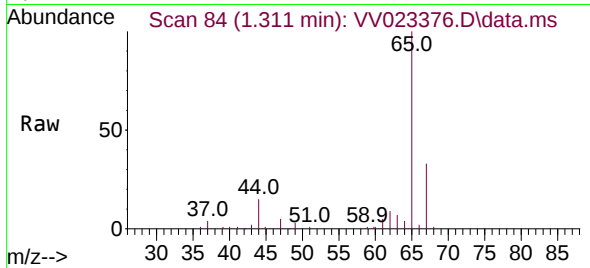




#5
 Vinyl chloride
 Concen: 0.223 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023376.D
 Acq: 11 Nov 2021 10:20

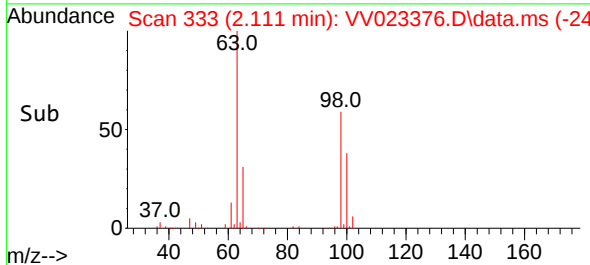
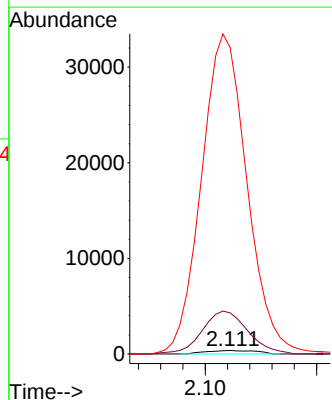
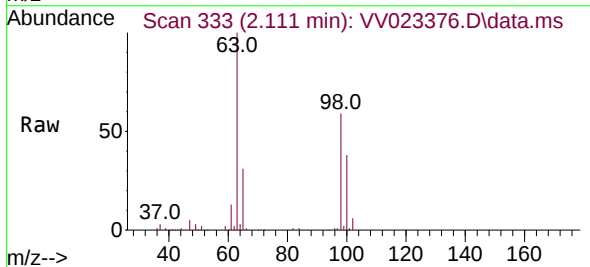
Instrument :
 MSVOA_V
 ClientSampleId :

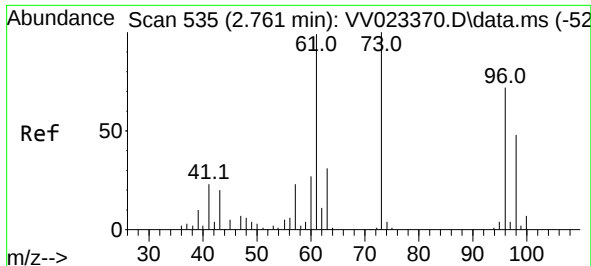
Tgt Ion: 62 Resp: 2105
 Ion Ratio Lower Upper
 62 100
 64 42.7 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.084 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.010 min
 Lab File: VV023376.D
 Acq: 11 Nov 2021 10:20

Tgt Ion: 96 Resp: 568
 Ion Ratio Lower Upper
 96 100
 61 1181.3 121.5 225.7#
 63 8808.8 99.6 185.0#

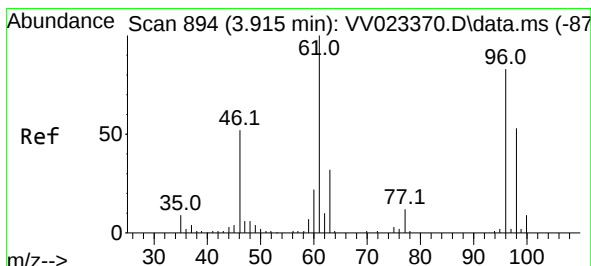
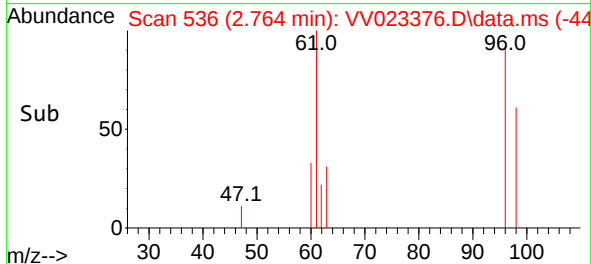
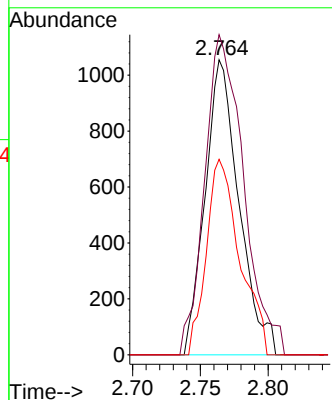
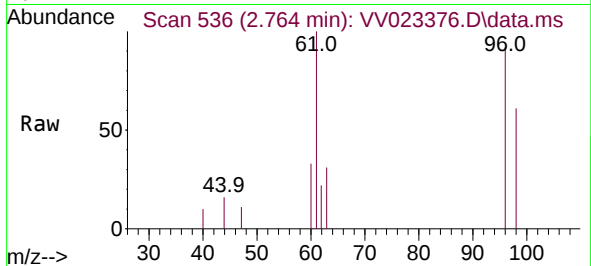




#18
trans-1,2-Dichloroethene
Concen: 0.220 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023376.D
Acq: 11 Nov 2021 10:20

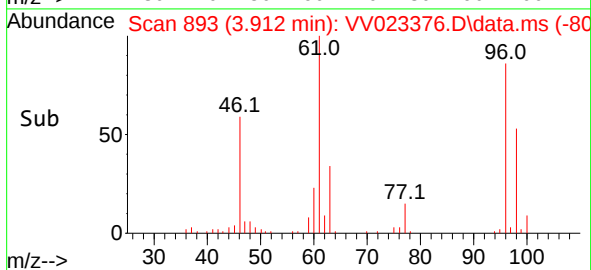
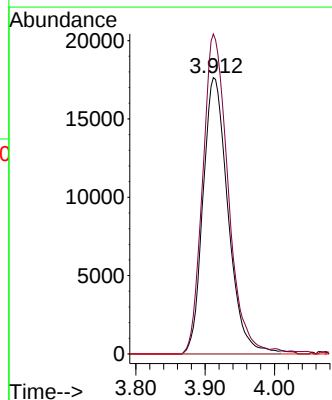
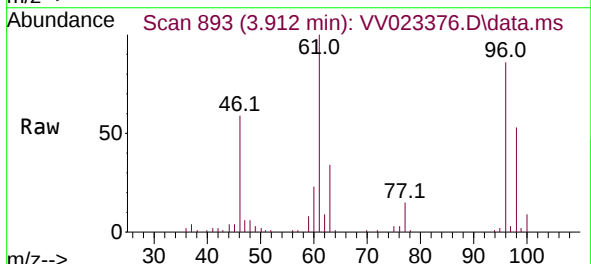
Instrument :
MSVOA_V
ClientSampleId :

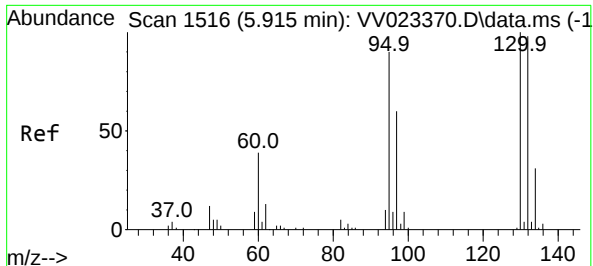
Tgt Ion: 96 Resp: 1837
Ion Ratio Lower Upper
96 100
61 108.5 93.2 173.2
98 66.3 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 5.504 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV023376.D
Acq: 11 Nov 2021 10:20

Tgt Ion: 96 Resp: 44274
Ion Ratio Lower Upper
96 100
61 115.8 92.3 171.3
68 0.0 0.4 0.8#



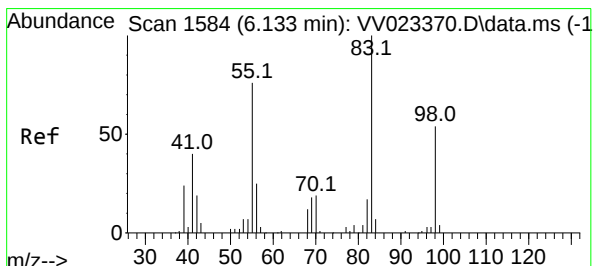
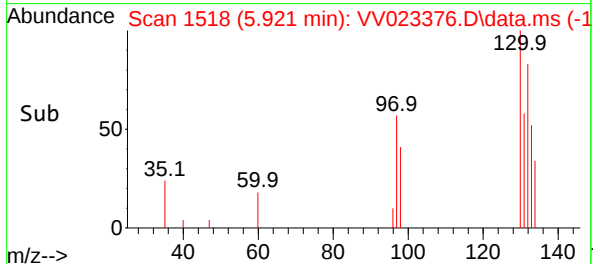
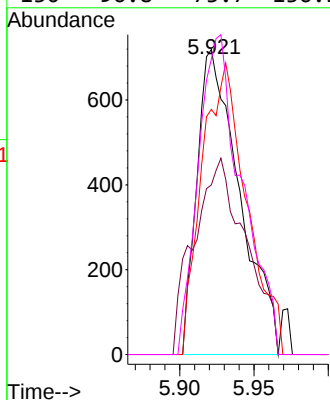
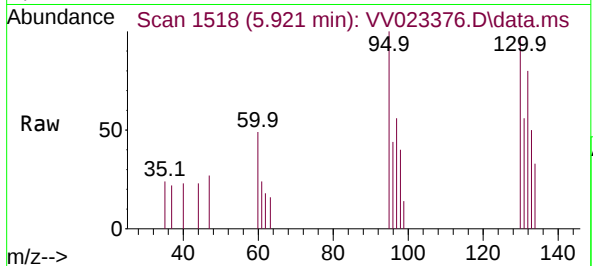


#34
Trichloroethene
Concen: 0.172 ug/L
RT: 5.921 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV023376.D
Acq: 11 Nov 2021 10:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1434

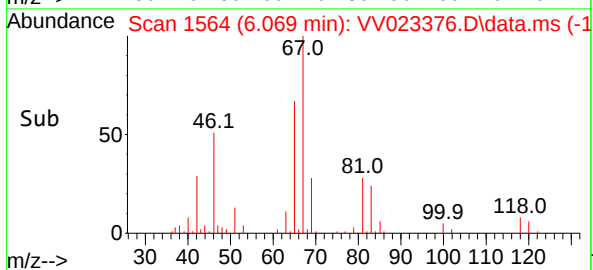
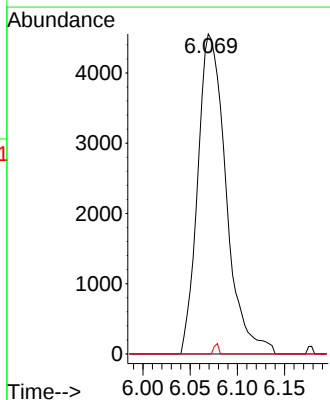
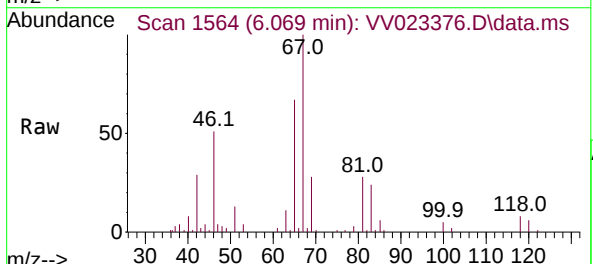
Ion	Ratio	Lower	Upper
95	100		
97	55.6	45.0	83.6
132	80.4	69.7	129.4
130	96.8	73.7	136.9

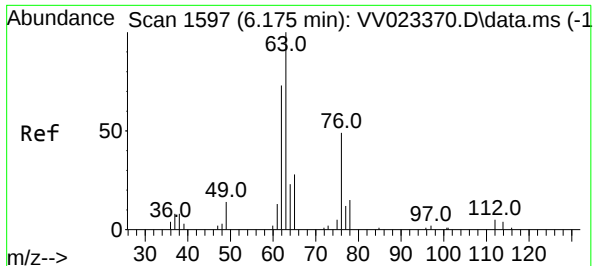


#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV023376.D
Acq: 11 Nov 2021 10:20

Tgt Ion: 83 Resp: 9474

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.5	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023376.D

Acq: 11 Nov 2021 10:20

Instrument :

MSVOA_V

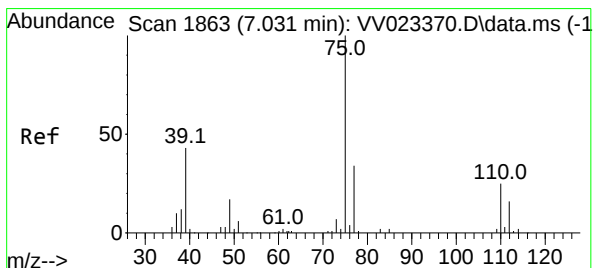
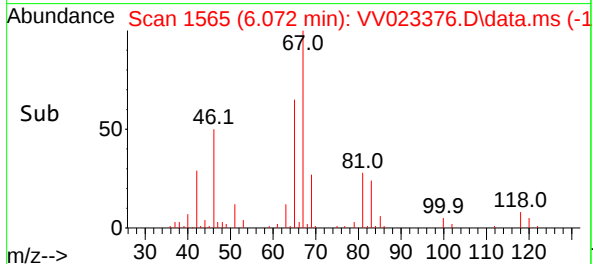
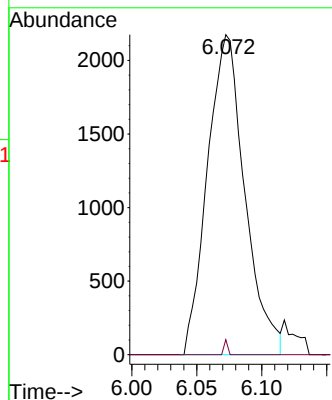
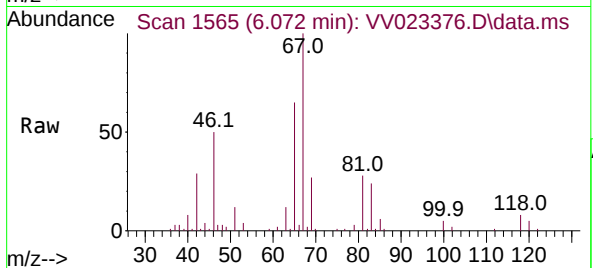
ClientSampleId :

Tgt Ion: 63 Resp: 4348

Ion Ratio Lower Upper

63 100

112 0.5 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV023376.D

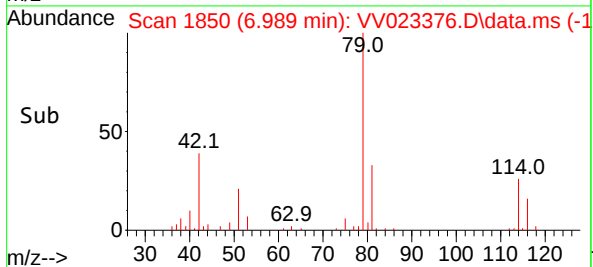
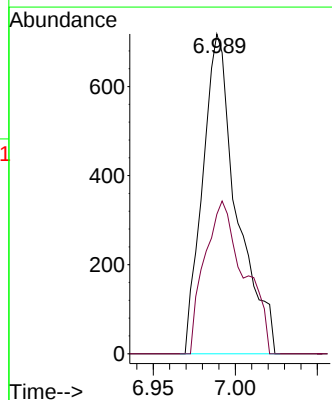
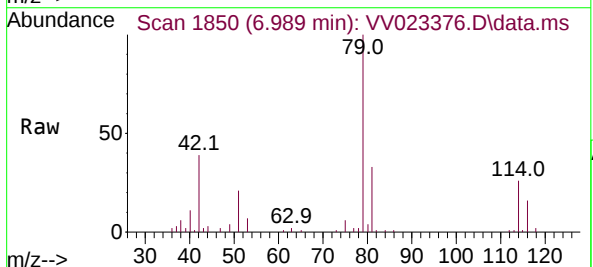
Acq: 11 Nov 2021 10:20

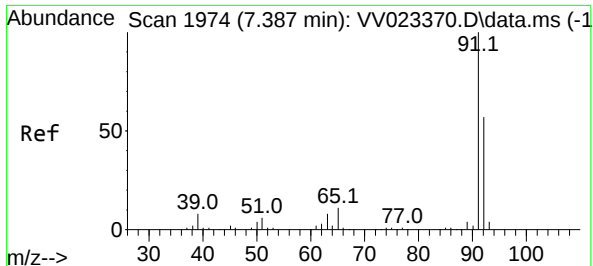
Tgt Ion: 75 Resp: 1039

Ion Ratio Lower Upper

75 100

77 43.6 21.6 40.2#

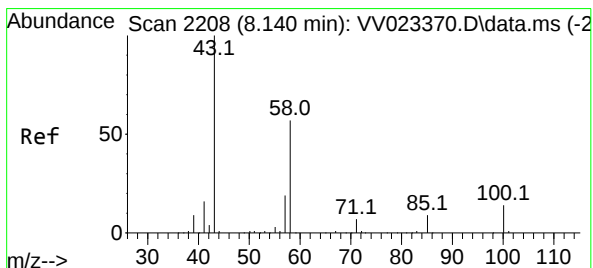
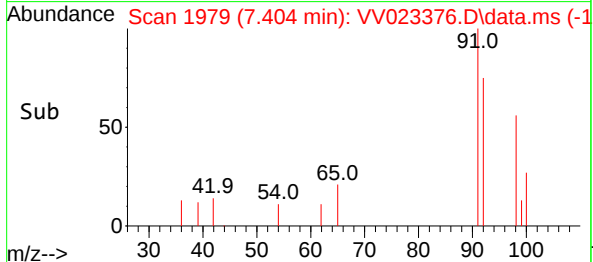
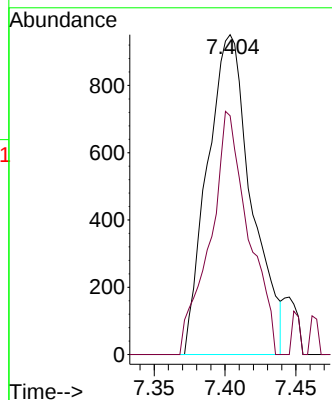
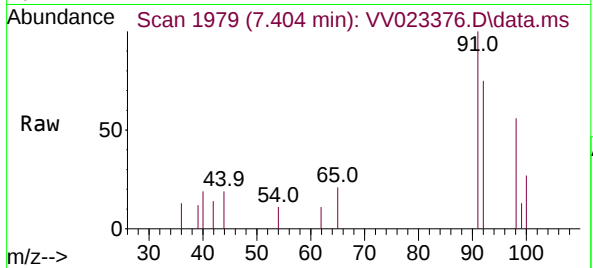




#42
Toluene
Concen: 0.061 ug/L
RT: 7.404 min Scan# 1974
Delta R.T. 0.016 min
Lab File: VV023376.D
Acq: 11 Nov 2021 10:20

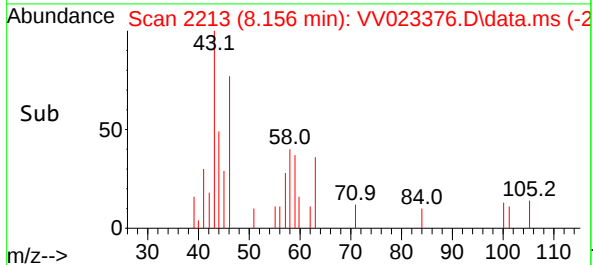
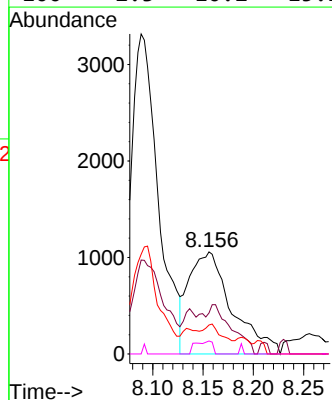
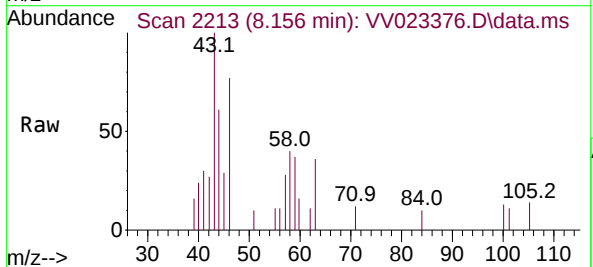
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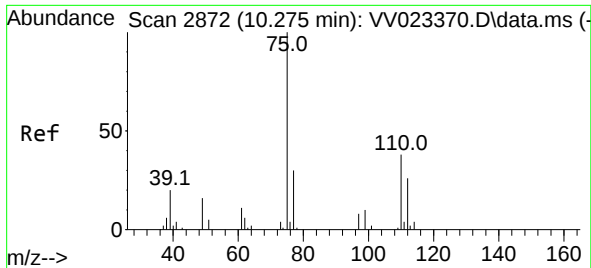
Tgt Ion: 91 Resp: 2056
Ion Ratio Lower Upper
91 100
92 74.7 39.3 72.9#



#48
2-Hexanone
Concen: 1.329 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.016 min
Lab File: VV023376.D
Acq: 11 Nov 2021 10:20

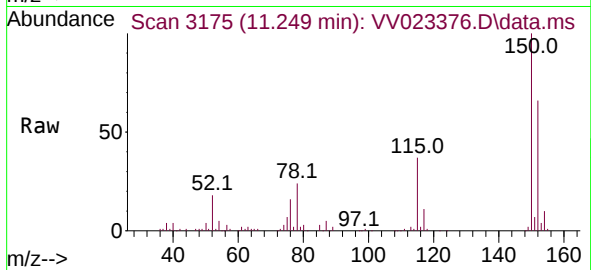
Tgt Ion: 43 Resp: 3168
Ion Ratio Lower Upper
43 100
58 25.6 43.7 65.5#
57 0.0 14.1 21.1#
100 2.3 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.639 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023376.D
 Acq: 11 Nov 2021 10:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5924
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.6 39.8
 110 0.8 31.8 47.6#

