

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023136.D
 Acq On : 02 Nov 2021 10:31
 Operator : SY/MD
 Sample : M4412-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 22:40:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 22:38:58 2021
 Response via : Initial Calibration

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

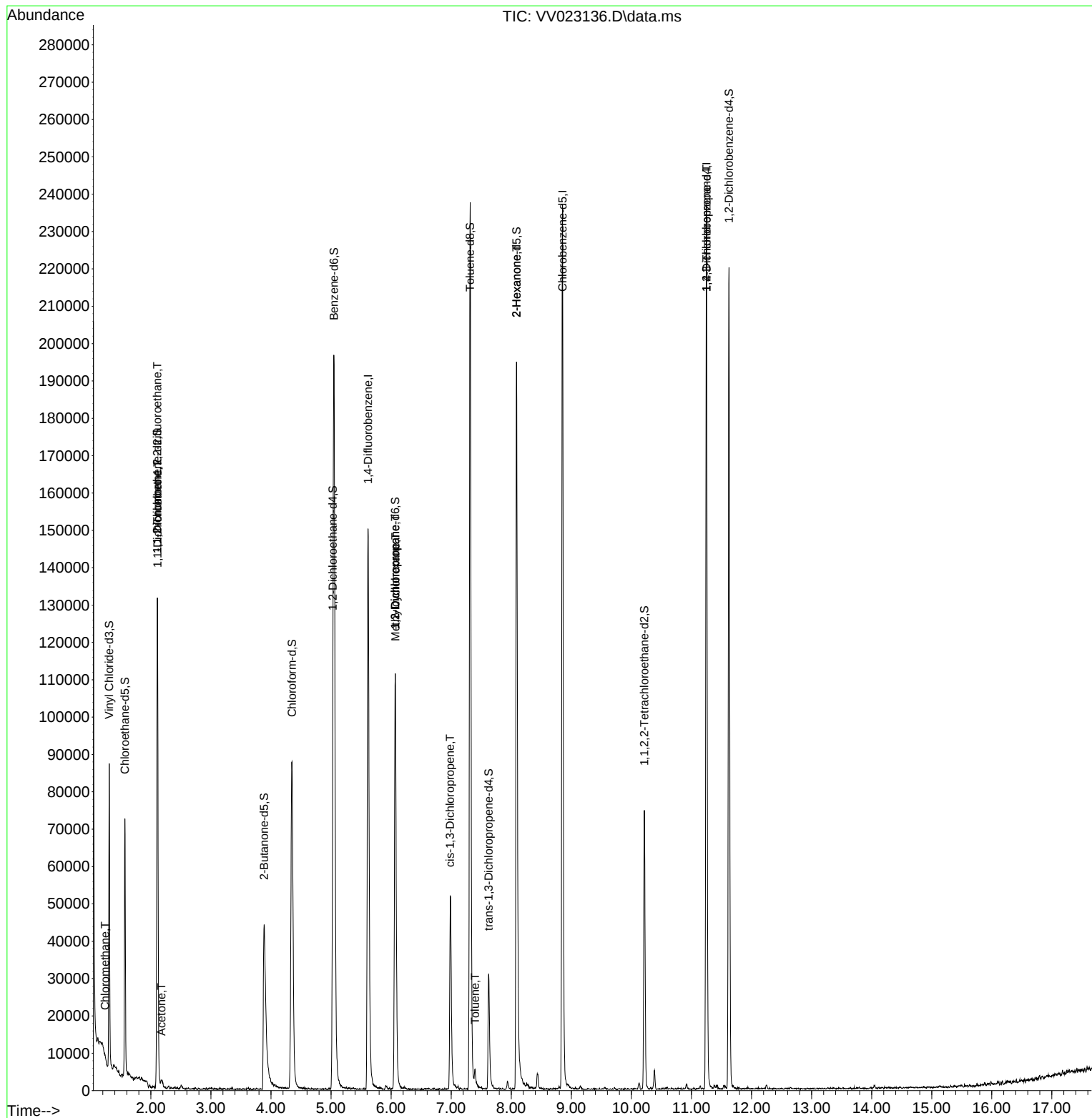
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	134799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	135532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50329	4.273	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.568	69	40560	5.567	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.400%	
11) 1,1-Dichloroethene-d2	2.108	63	68974	4.059	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.200%	
20) 2-Butanone-d5	3.886	46	78930	41.772	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.540%	
24) Chloroform-d	4.349	84	93682	4.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.030	65	42871	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.050	84	181198	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.069	67	54324	4.460	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.317	98	159936	4.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.622	79	19048	4.463	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.088	63	66628	42.167	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34609	4.115	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57518	5.087	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	475	0.051	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	774	0.105	ug/L #	18
12) 1,1-Dichloroethene	2.111	96	601	0.087	ug/L #	1
13) Acetone	2.175	43	2549	2.750	ug/L	81
35) Methylcyclohexane	6.072	83	13760	1.049	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5953	0.648	ug/L #	83
39) cis-1,3-Dichloropropene	6.982	75	1364	0.119	ug/L #	50
42) Toluene	7.397	91	3227	0.087	ug/L	93
48) 2-Hexanone	8.088	43	8039	2.502	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	7508	1.683	ug/L #	63

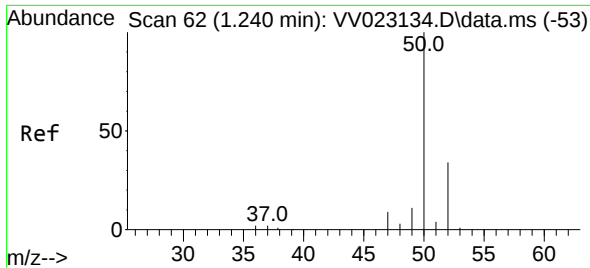
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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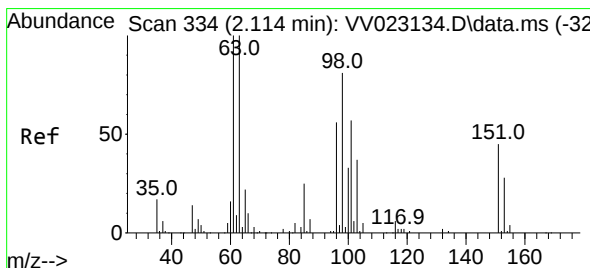
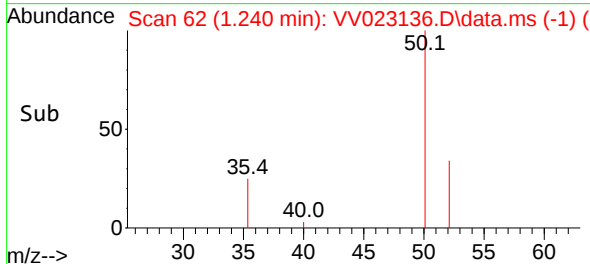
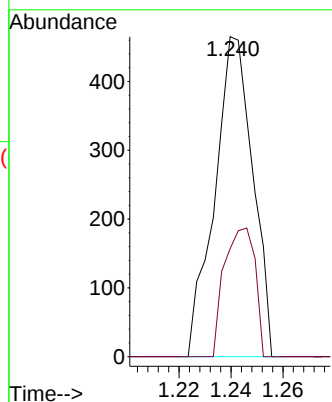
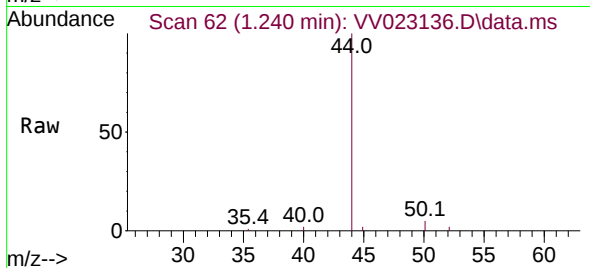




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023136.D
Acq: 02 Nov 2021 10:31

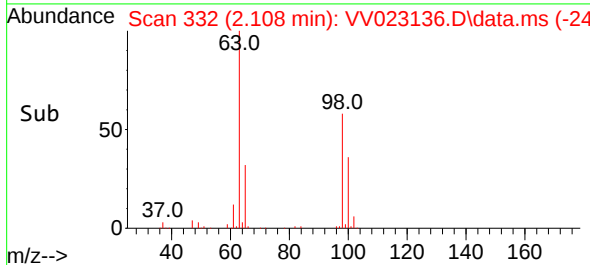
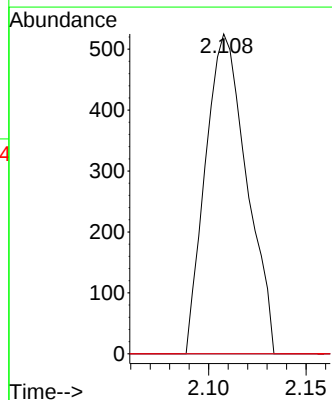
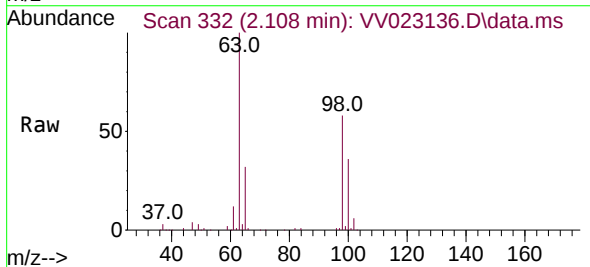
Instrument :
MSVOA_V
ClientSampleId :

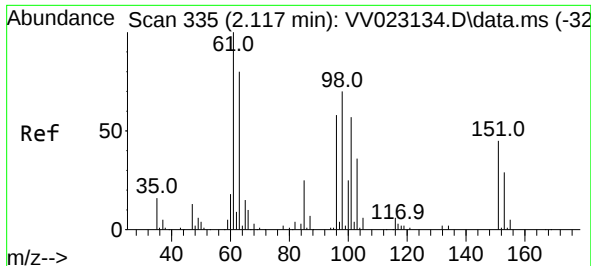
Tgt Ion: 50 Resp: 475
Ion Ratio Lower Upper
50 100
52 33.8 24.3 45.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.105 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV023136.D
Acq: 02 Nov 2021 10:31

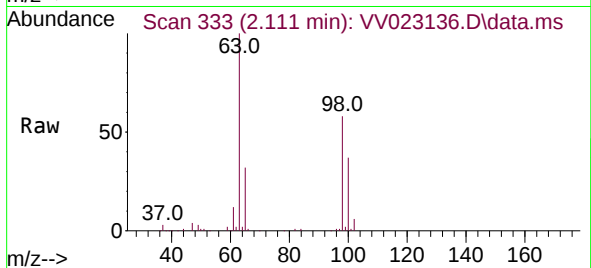
Tgt Ion: 101 Resp: 774
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 62.2 93.2#



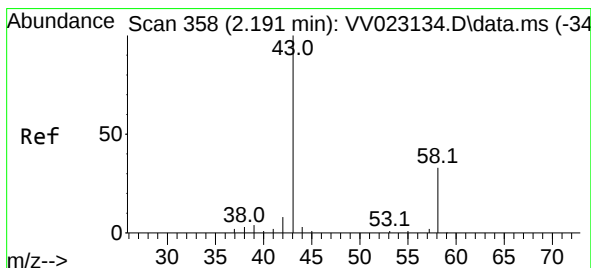
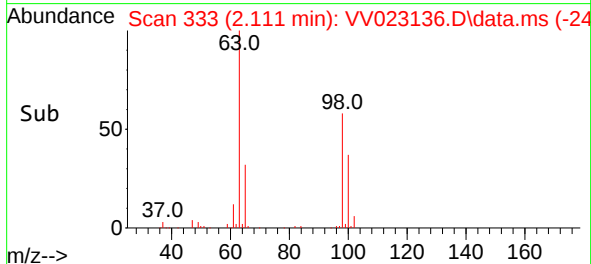
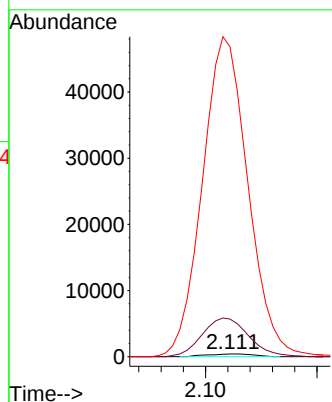


#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV023136.D
Acq: 02 Nov 2021 10:31

Instrument :
MSVOA_V
ClientSampleId :

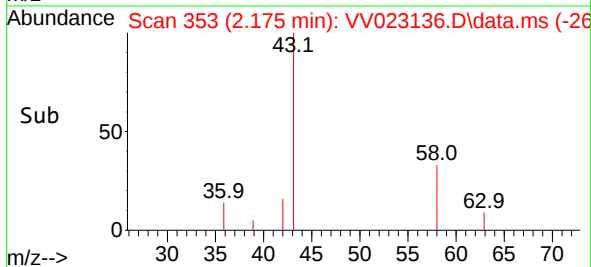
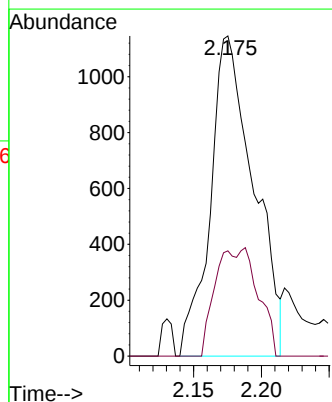
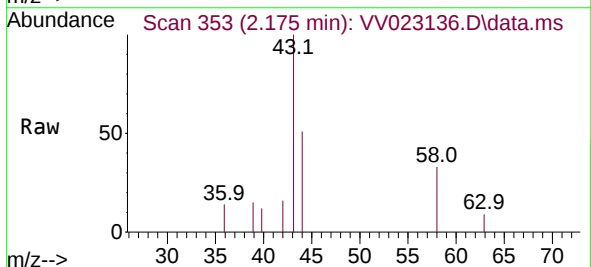


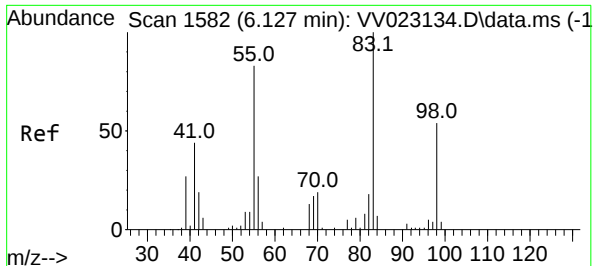
Tgt Ion: 96 Resp: 601
Ion Ratio Lower Upper
96 100
61 1361.7 121.5 225.7#
63 11211.5 99.6 185.0#



#13
Acetone
Concen: 2.750 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.016 min
Lab File: VV023136.D
Acq: 02 Nov 2021 10:31

Tgt Ion: 43 Resp: 2549
Ion Ratio Lower Upper
43 100
58 17.7 0.0 55.4





#35

Methylcyclohexane

Concen: 1.049 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023136.D

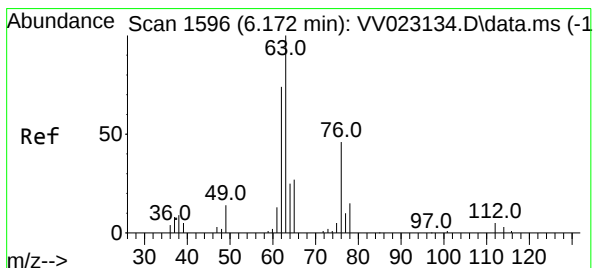
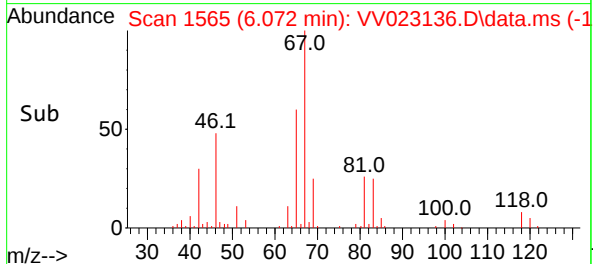
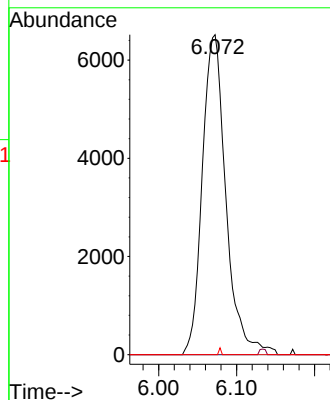
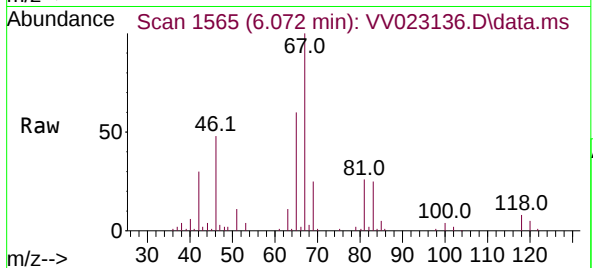
Acq: 02 Nov 2021 10:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	13760
Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.8	94.2#
98	0.2	37.9	56.9#



#37

1,2-Dichloropropane

Concen: 0.648 ug/L

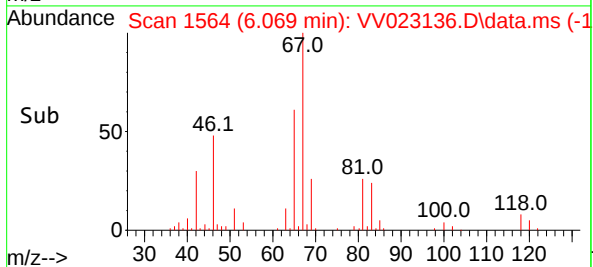
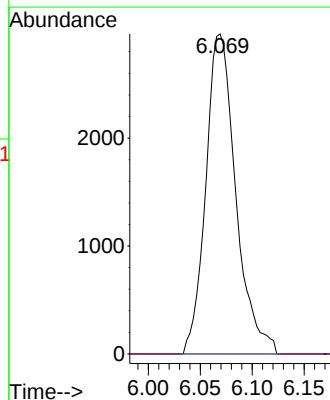
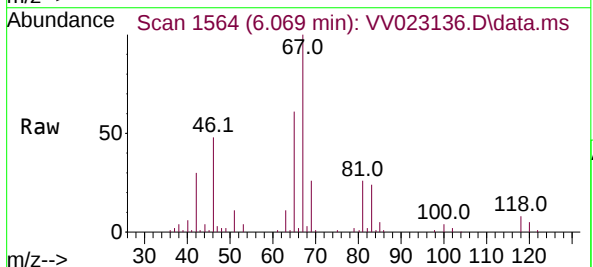
RT: 6.069 min Scan# 1564

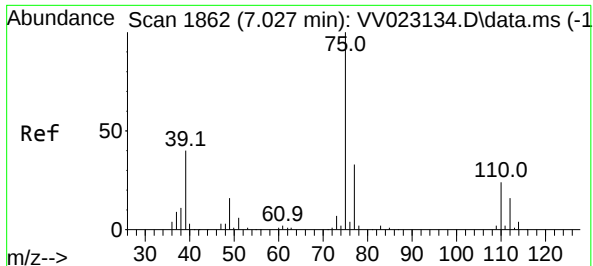
Delta R.T. -0.103 min

Lab File: VV023136.D

Acq: 02 Nov 2021 10:31

Tgt Ion:	63	Resp:	5953
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.6	6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.045 min

Lab File: VV023136.D

Acq: 02 Nov 2021 10:31

Instrument :

MSVOA_V

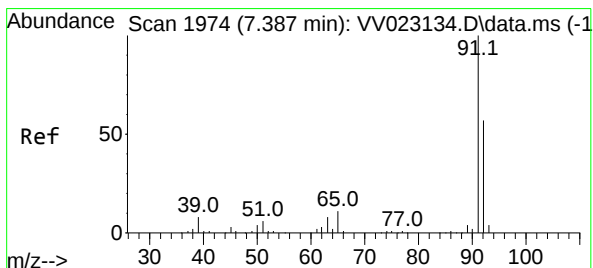
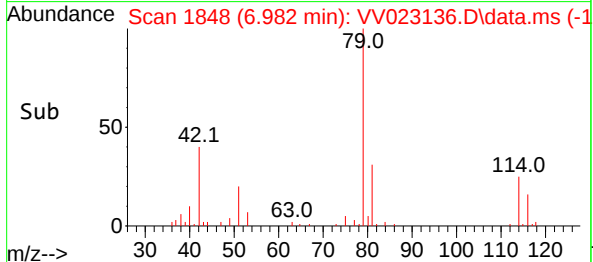
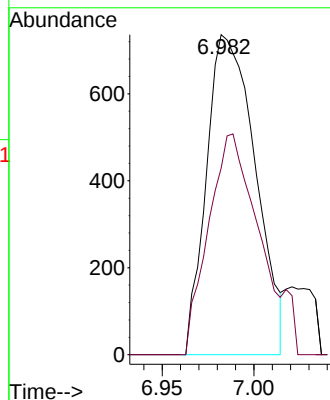
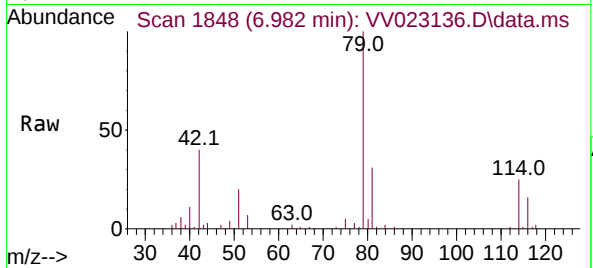
ClientSampleId :

Tgt Ion: 75 Resp: 1364

Ion Ratio Lower Upper

75 100

77 58.3 21.6 40.2#



#42

Toluene

Concen: 0.087 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV023136.D

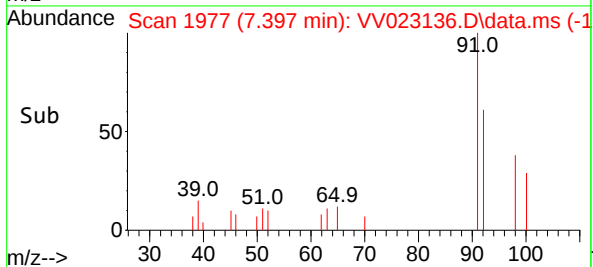
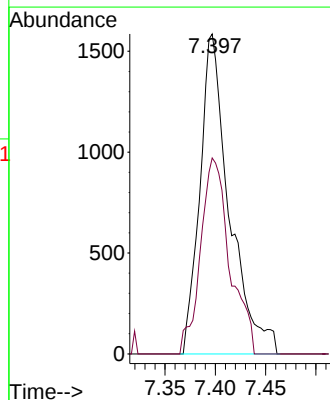
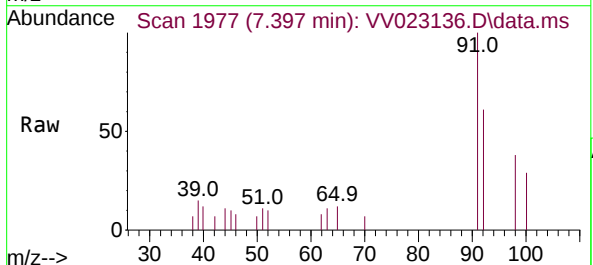
Acq: 02 Nov 2021 10:31

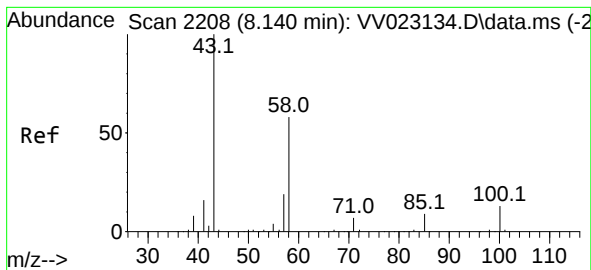
Tgt Ion: 91 Resp: 3227

Ion Ratio Lower Upper

91 100

92 61.2 39.3 72.9





#48

2-Hexanone

Concen: 2.502 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.051 min

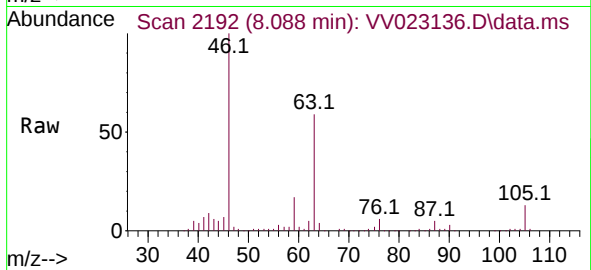
Lab File: VV023136.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 8039

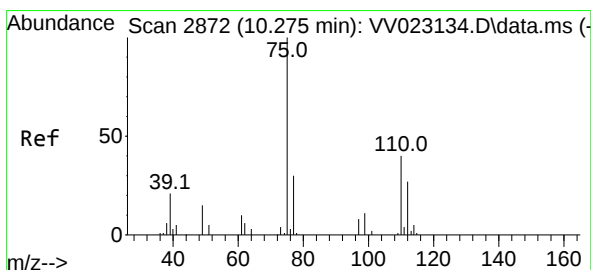
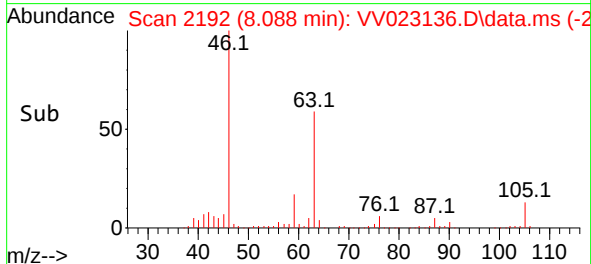
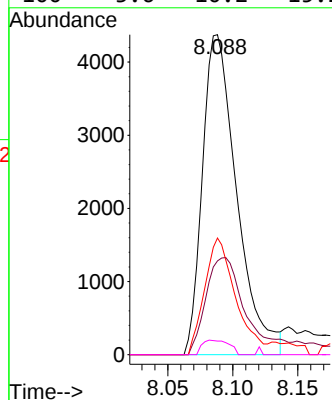
Ion Ratio Lower Upper

43 100

58 35.6 43.7 65.5#

57 33.2 14.1 21.1#

100 3.6 10.2 15.2#



#61

1,2,3-Trichloropropane

Concen: 1.683 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023136.D

Acq: 02 Nov 2021 10:31

Tgt Ion: 75 Resp: 7508

Ion Ratio Lower Upper

75 100

77 28.3 26.6 39.8

110 1.8 31.8 47.6#

