

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022599.D
 Acq On : 06 Oct 2021 03:49
 Operator : SY/MD
 Sample : M4050-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 08:09:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

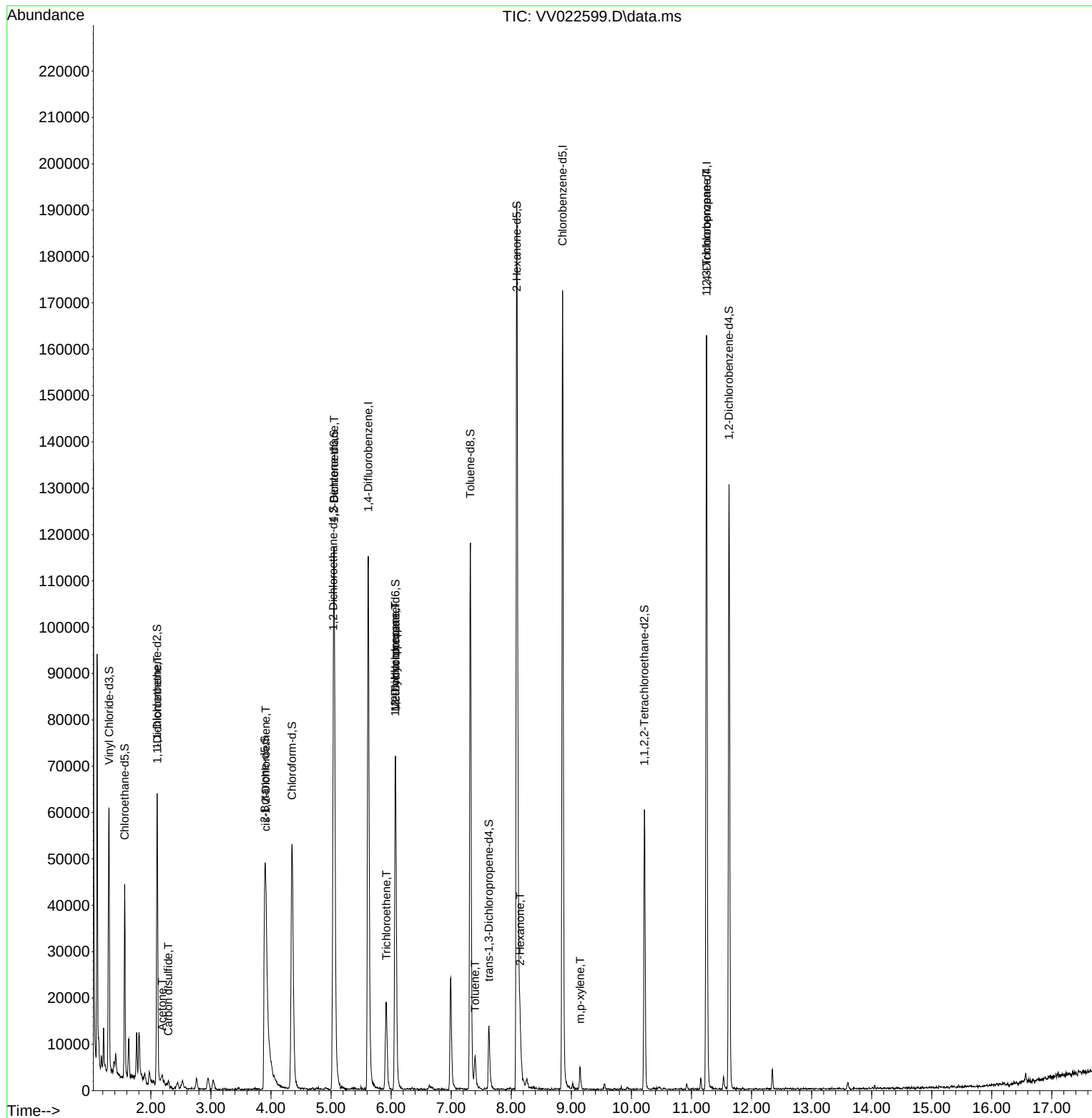
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102481	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	100155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15581	4.745	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.564	69	24017	5.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.104	63	31499	3.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.899	46	96714	49.829	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.660%
24) Chloroform-d	4.349	84	56634	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.037	65	29250	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.050	84	102831	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.072	67	35050	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.320	98	78651	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.628	79	8673	4.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.091	63	66315	50.825	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28232	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	35532	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	543	0.086	ug/L #	1
13) Acetone	2.188	43	2524	2.418	ug/L #	72
14) Carbon disulfide	2.291	76	1723	0.094	ug/L	95
22) cis-1,2-Dichloroethene	3.911	96	6716	0.905	ug/L	100
27) 1,2-Dichloroethane	5.053	62	756	0.106	ug/L #	74
34) Trichloroethene	5.921	95	5640	0.719	ug/L	98
35) Methylcyclohexane	6.072	83	8493	0.773	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	4017	0.610	ug/L #	84
42) Toluene	7.397	91	5942	0.210	ug/L	92
48) 2-Hexanone	8.146	43	7729	2.962	ug/L #	72
53) m,p-xylene	9.146	106	1441	0.130	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	4768	1.417	ug/L #	63

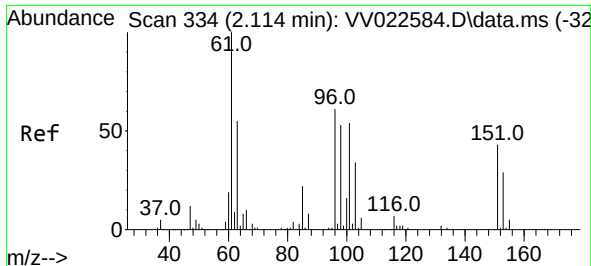
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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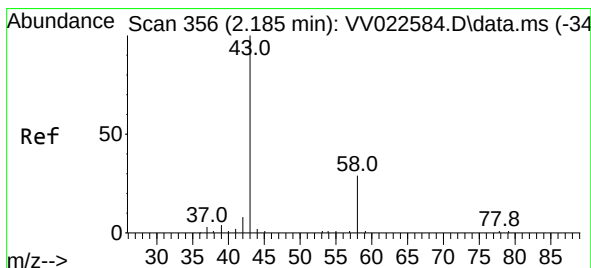
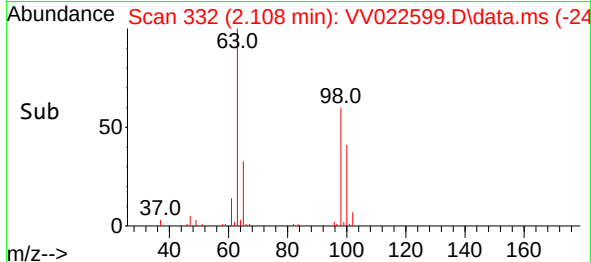
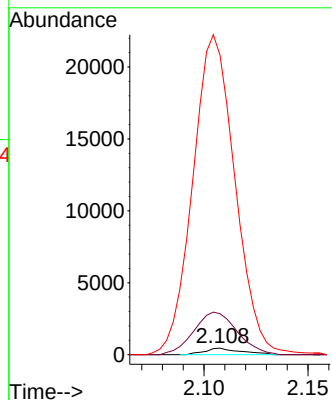
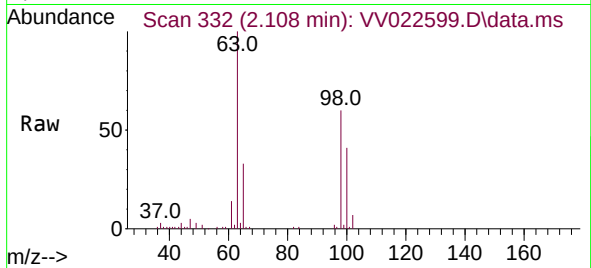




#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.007 min
Lab File: VV022599.D
Acq: 06 Oct 2021 03:49

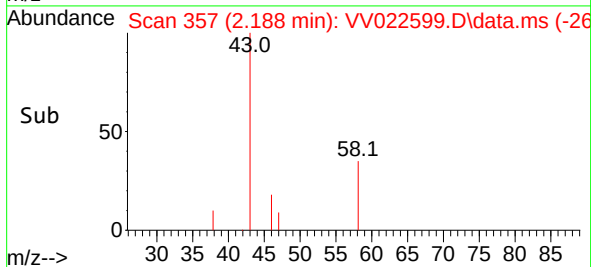
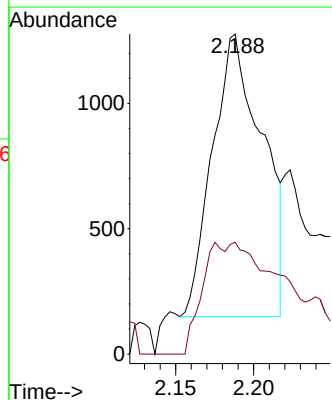
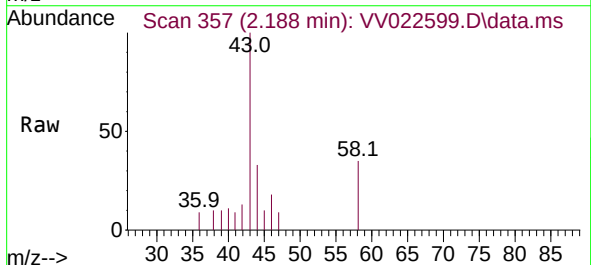
Instrument :
MSVOA_V
ClientSampled :

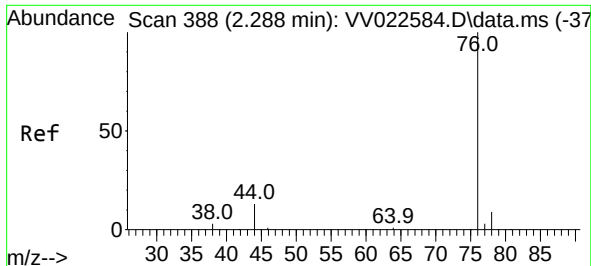
Tgt Ion: 96 Resp: 543
Ion Ratio Lower Upper
96 100
61 616.9 113.2 210.2#
63 4505.6 66.6 123.8#



#13
Acetone
Concen: 2.418 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.003 min
Lab File: VV022599.D
Acq: 06 Oct 2021 03:49

Tgt Ion: 43 Resp: 2524
Ion Ratio Lower Upper
43 100
58 18.9 0.0 17.6#

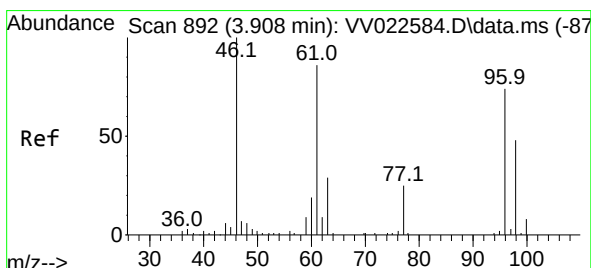
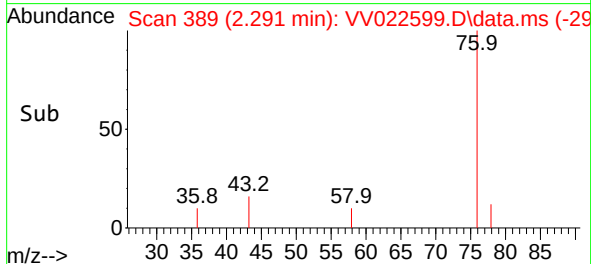
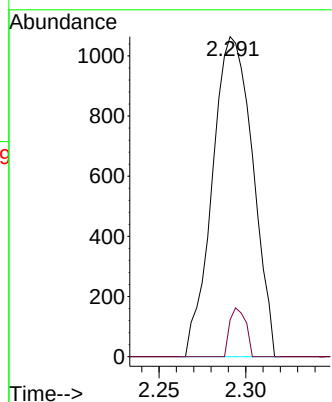
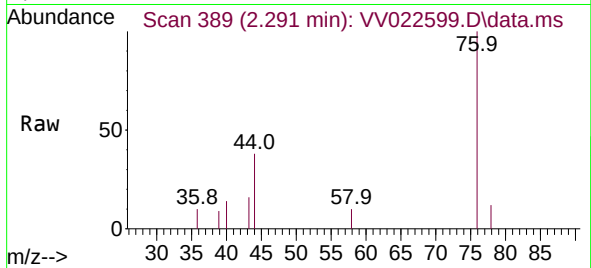




#14
Carbon disulfide
Concen: 0.094 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022599.D
Acq: 06 Oct 2021 03:49

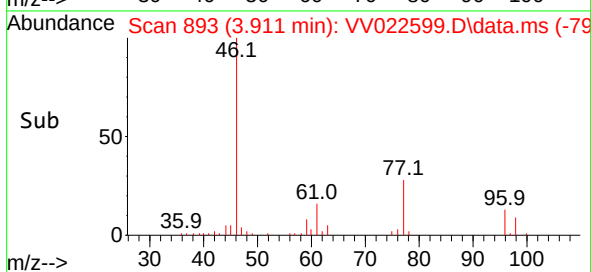
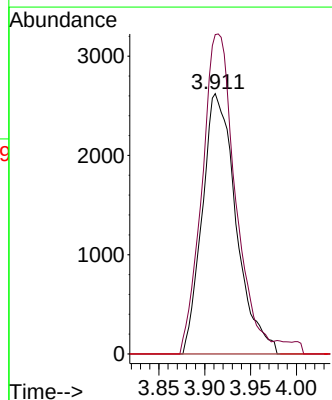
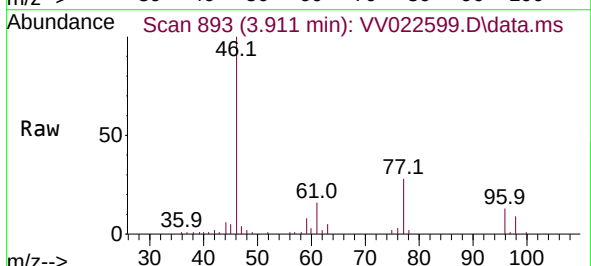
Instrument :
MSVOA_V
ClientSampled :

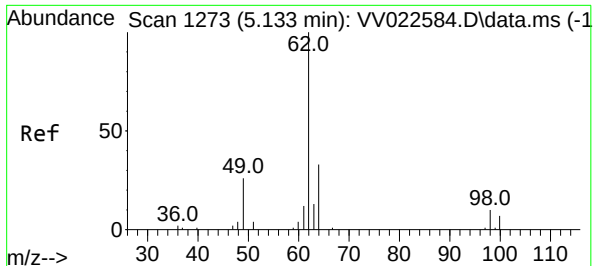
Tgt Ion: 76 Resp: 1723
Ion Ratio Lower Upper
76 100
78 11.6 7.8 11.6



#22
cis-1,2-Dichloroethene
Concen: 0.905 ug/L
RT: 3.911 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022599.D
Acq: 06 Oct 2021 03:49

Tgt Ion: 96 Resp: 6716
Ion Ratio Lower Upper
96 100
61 122.6 85.6 159.0
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.081 min

Lab File: VV022599.D

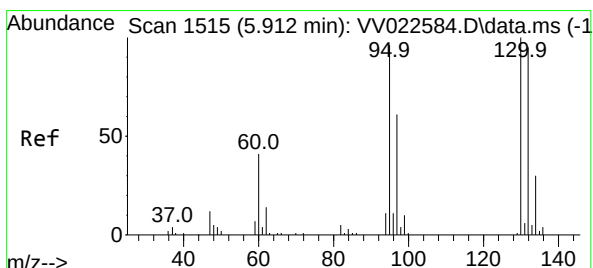
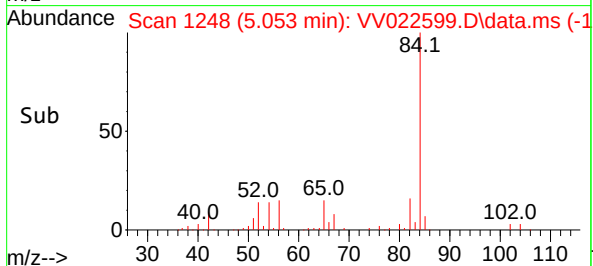
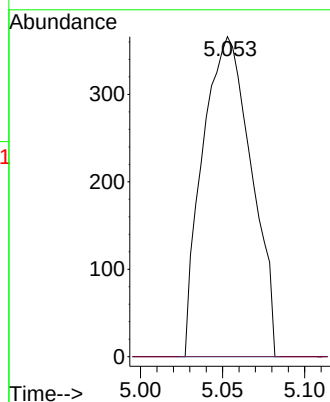
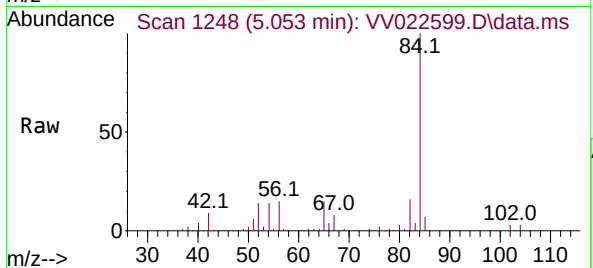
Acq: 06 Oct 2021 03:49

Tgt Ion: 62 Resp: 756

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#34

Trichloroethene

Concen: 0.719 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.009 min

Lab File: VV022599.D

Acq: 06 Oct 2021 03:49

Tgt Ion: 95 Resp: 5640

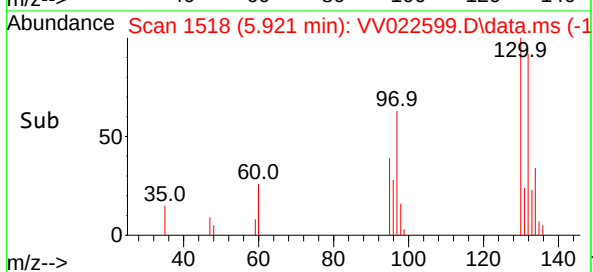
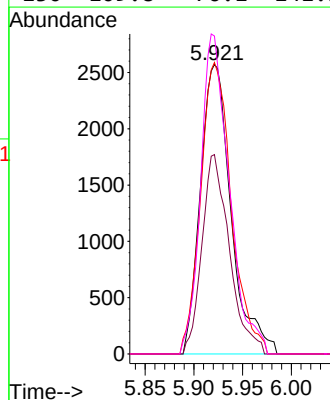
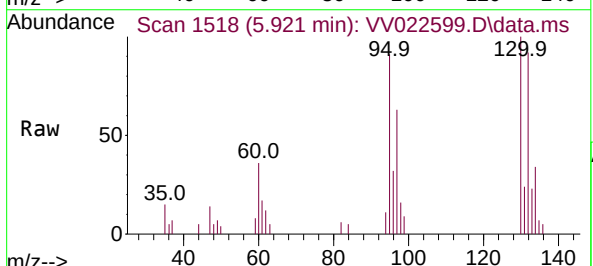
Ion Ratio Lower Upper

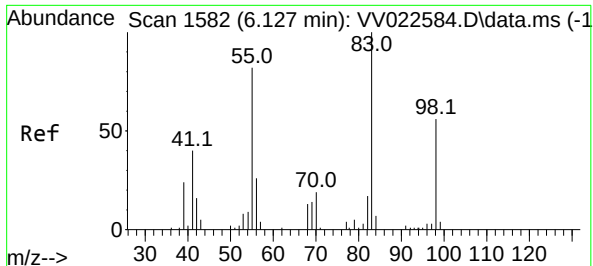
95 100

97 68.9 46.5 86.5

132 100.7 73.0 135.6

130 109.8 76.1 141.3





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.072 min Scan# 1565

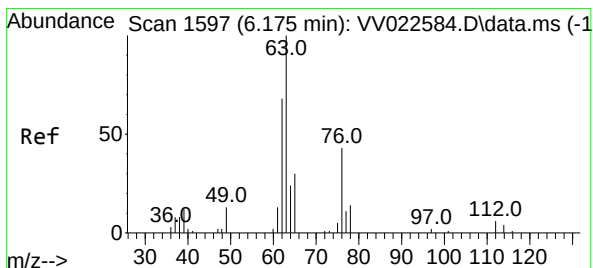
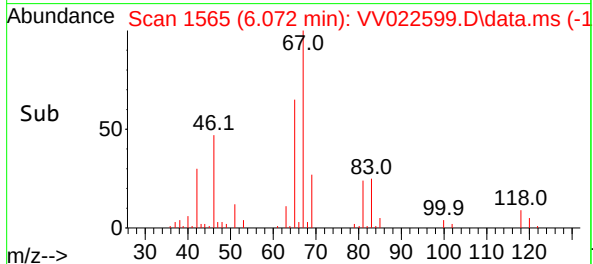
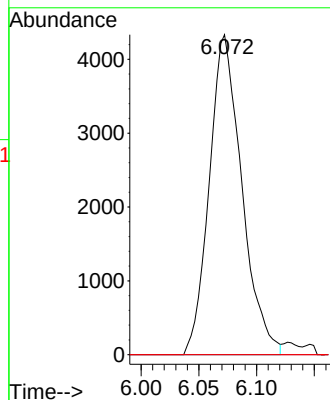
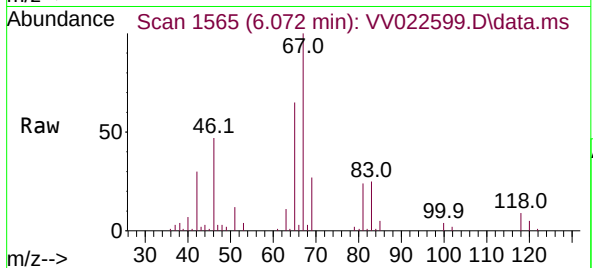
Delta R.T. -0.055 min

Lab File: VV022599.D

Acq: 06 Oct 2021 03:49

Tgt Ion:	83	Resp:	8493
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.1	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.610 ug/L

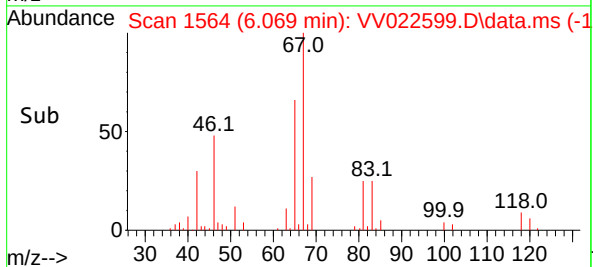
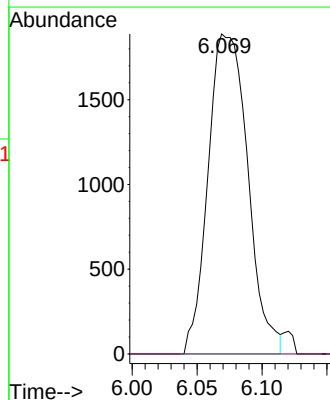
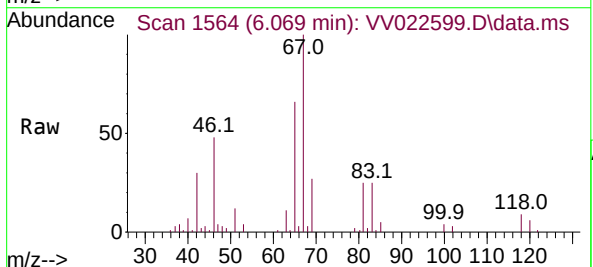
RT: 6.069 min Scan# 1564

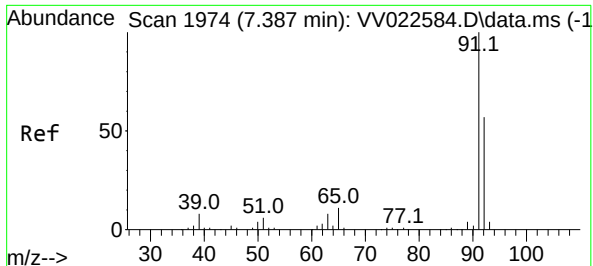
Delta R.T. -0.106 min

Lab File: VV022599.D

Acq: 06 Oct 2021 03:49

Tgt Ion:	63	Resp:	4017
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#





#42

Toluene

Concen: 0.210 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.009 min

Lab File: VV022599.D

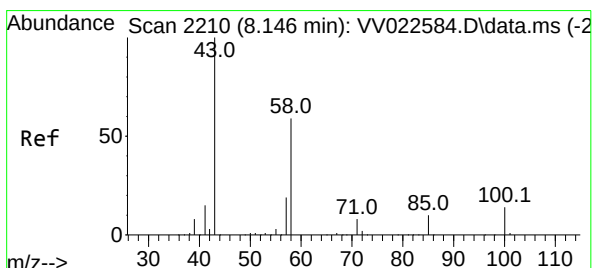
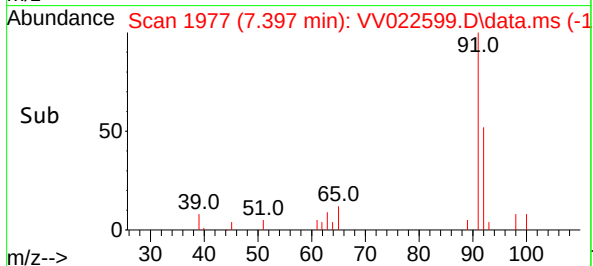
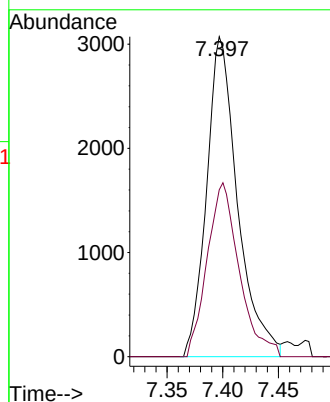
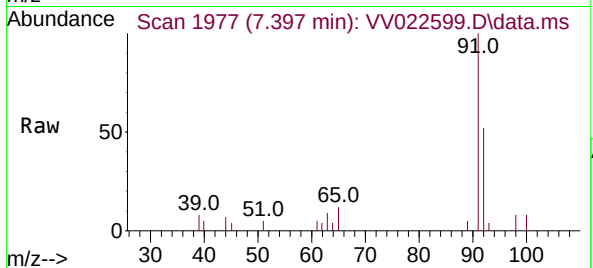
Acq: 06 Oct 2021 03:49

Tgt Ion: 91 Resp: 5942

Ion Ratio Lower Upper

91 100

92 52.1 40.5 75.3



#48

2-Hexanone

Concen: 2.962 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VV022599.D

Acq: 06 Oct 2021 03:49

Tgt Ion: 43 Resp: 7729

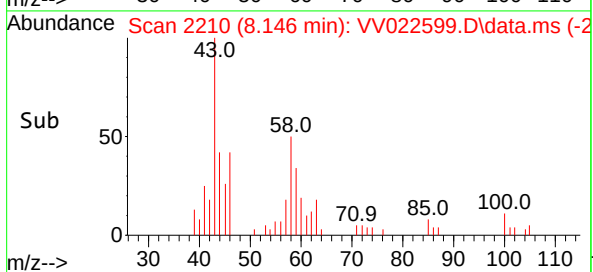
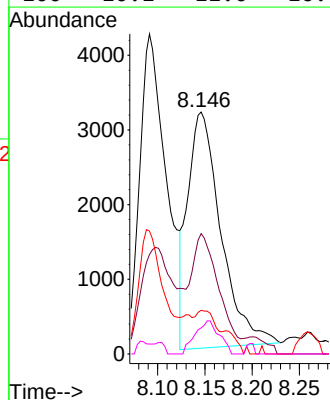
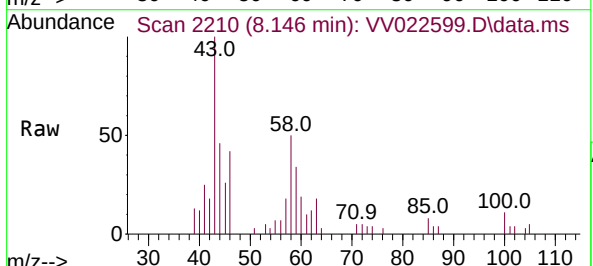
Ion Ratio Lower Upper

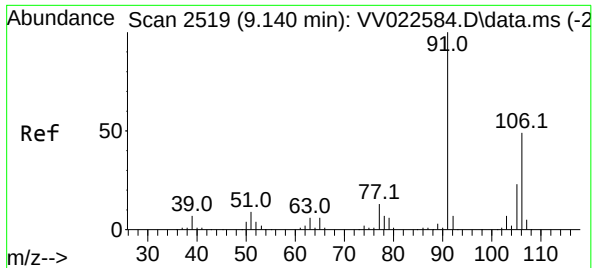
43 100

58 34.8 46.4 69.6#

57 4.8 16.3 24.5#

100 10.1 11.0 16.6#

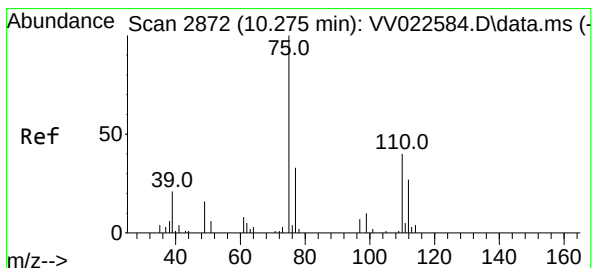
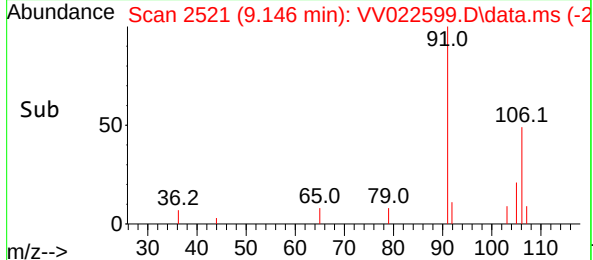
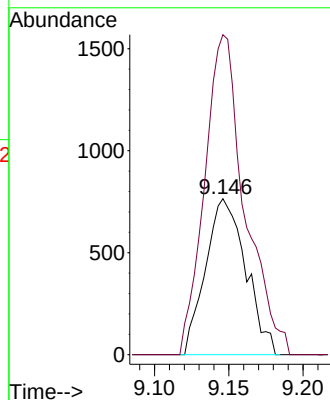
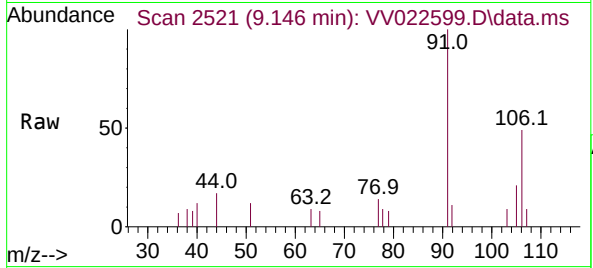




#53
m,p-xylene
Concen: 0.130 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022599.D
Acq: 06 Oct 2021 03:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1441
Ion Ratio Lower Upper
106 100
91 205.1 144.8 269.0



#61
1,2,3-Trichloropropane
Concen: 1.417 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022599.D
Acq: 06 Oct 2021 03:49

Tgt Ion: 75 Resp: 4768
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
110 0.9 33.0 49.6#

