

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022581.D
 Acq On : 05 Oct 2021 17:26
 Operator : SY/MD
 Sample : M4052-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:30:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

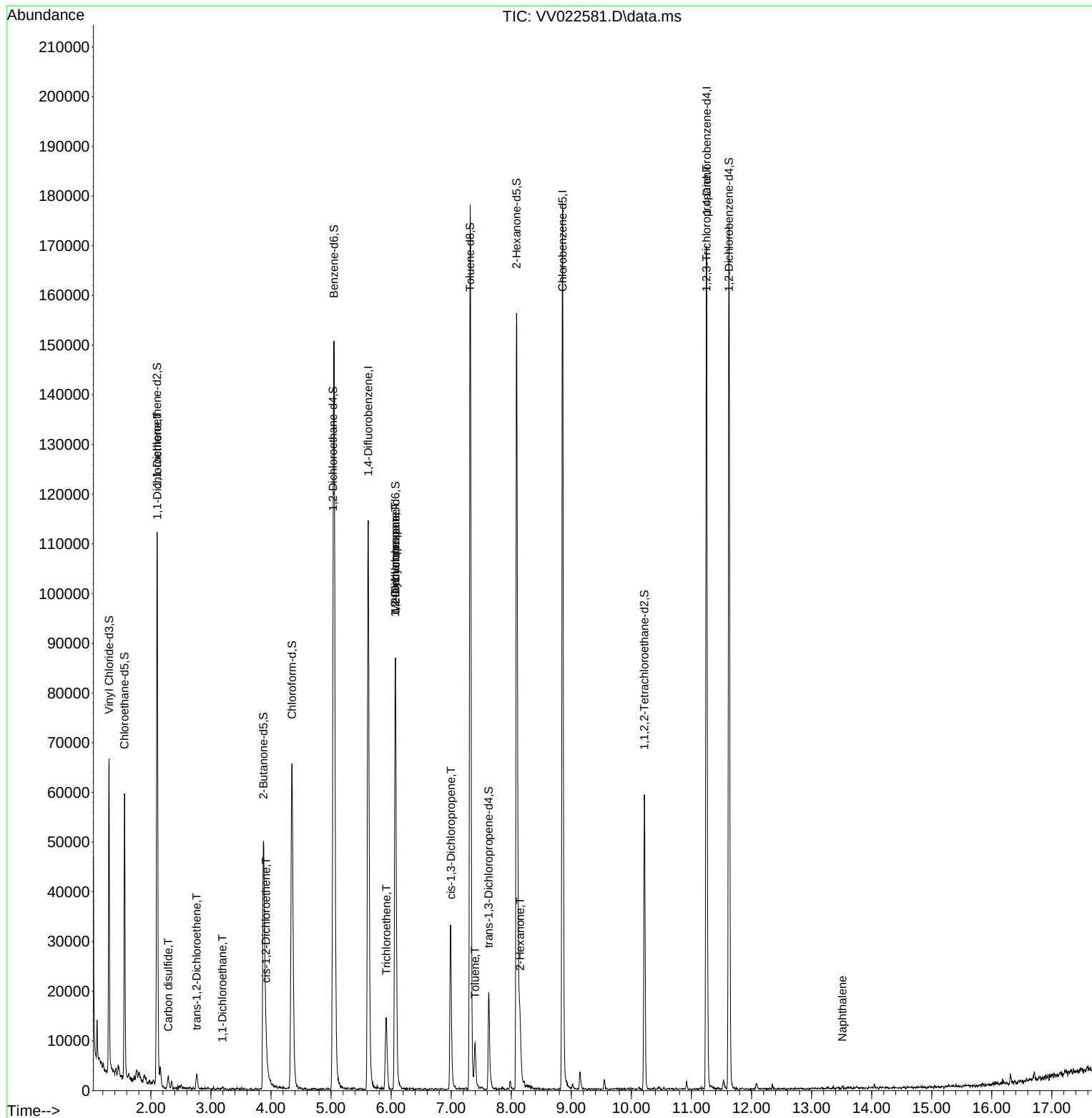
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103126	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37494	11.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	227.000%#
7) Chloroethane-d5	1.561	69	33740	7.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	151.600%#
11) 1,1-Dichloroethene-d2	2.105	63	56073	5.849	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.000%
20) 2-Butanone-d5	3.873	46	79181	40.540	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.080%
24) Chloroform-d	4.349	84	69628	5.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.034	65	34119	5.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	5.050	84	138296	6.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.600%
36) 1,2-Dichloropropane-d6	6.072	67	41340	5.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	120311	6.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.200%
43) trans-1,3-Dichloroprop...	7.625	79	11451	5.396	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.000%
46) 2-Hexanone-d5	8.088	63	50241	38.236	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27214	4.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	46592	6.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.200%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.108	96	667	0.106	ug/L #	1
14) Carbon disulfide	2.291	76	1441	0.078	ug/L #	74
18) trans-1,2-Dichloroethene	2.761	96	800	0.116	ug/L	90
19) 1,1-Dichloroethane	3.191	63	714	0.058	ug/L #	49
22) cis-1,2-Dichloroethene	3.918	96	1620	0.217	ug/L	69
34) Trichloroethene	5.921	95	4129	0.523	ug/L	97
35) Methylcyclohexane	6.072	83	10396	0.939	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	4683	0.706	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	908	0.102	ug/L #	70
42) Toluene	7.397	91	6985	0.245	ug/L	97
48) 2-Hexanone	8.146	43	9000	3.425	ug/L #	81
61) 1,2,3-Trichloropropane	11.249	75	5378	1.555	ug/L #	63
71) Naphthalene	13.513	128	731	0.058	ug/L #	70

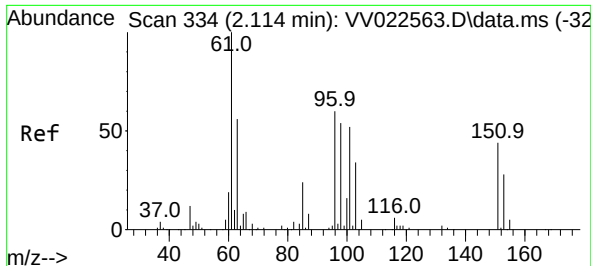
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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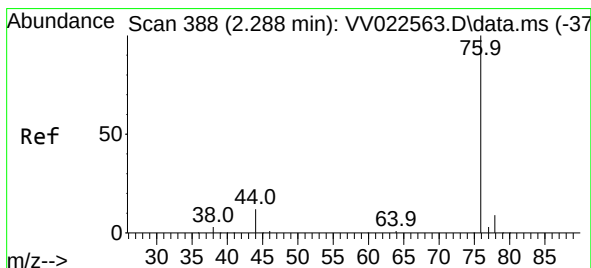
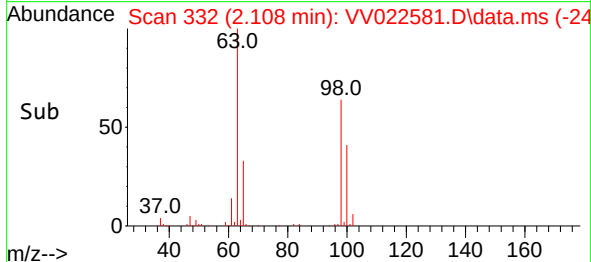
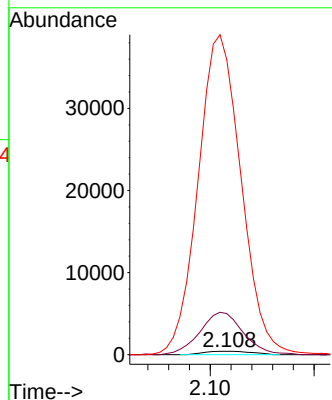
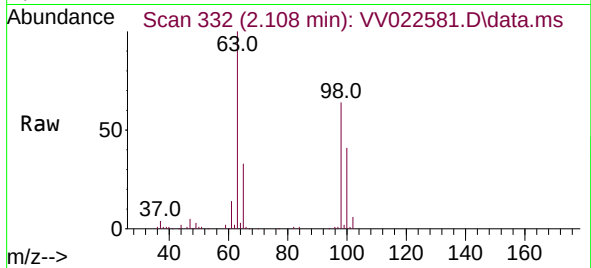




#12
1,1-Dichloroethene
Concen: 0.106 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

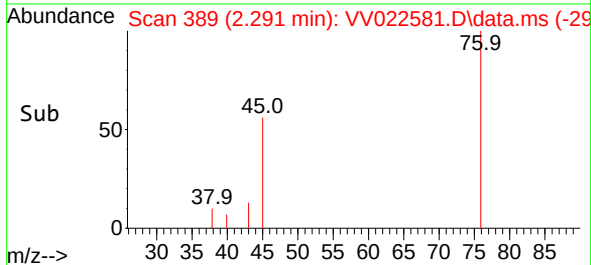
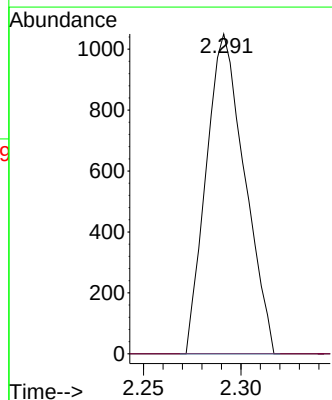
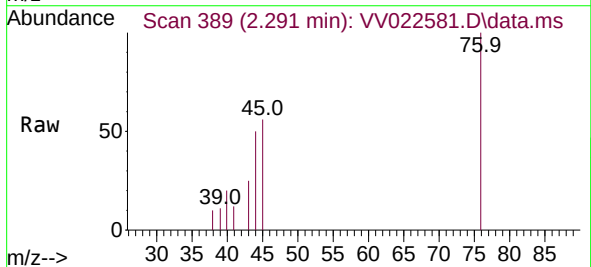
Instrument :
MSVOA_V
ClientSampled :

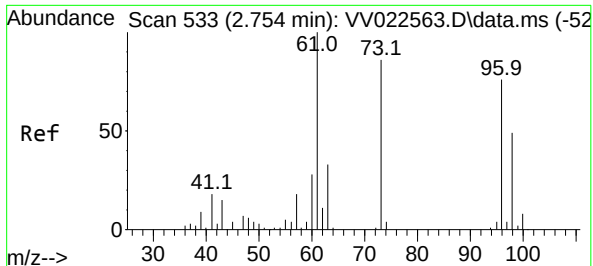
Tgt Ion: 96 Resp: 667
Ion Ratio Lower Upper
96 100
61 1222.7 113.2 210.2#
63 8786.3 66.6 123.8#



#14
Carbon disulfide
Concen: 0.078 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

Tgt Ion: 76 Resp: 1441
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

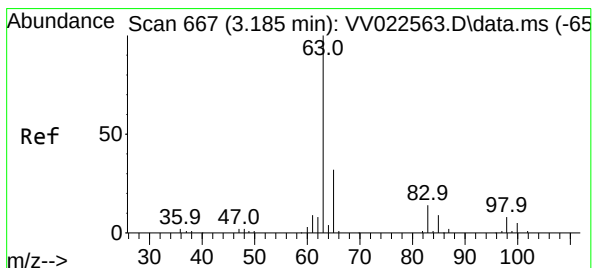
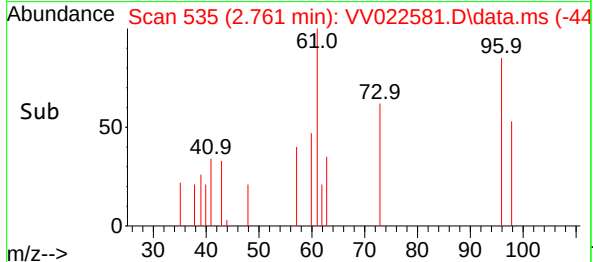
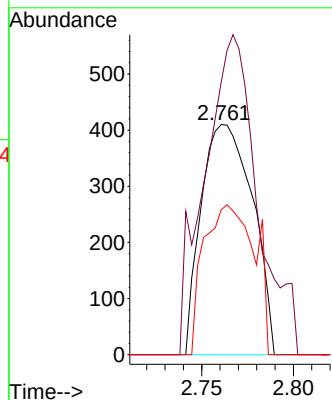
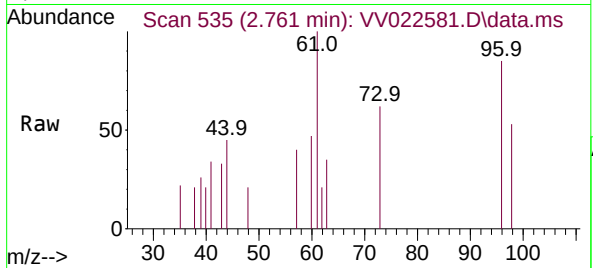




#18
trans-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

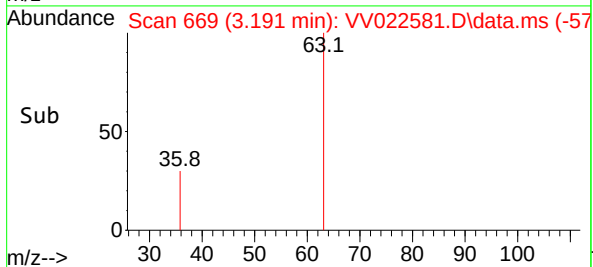
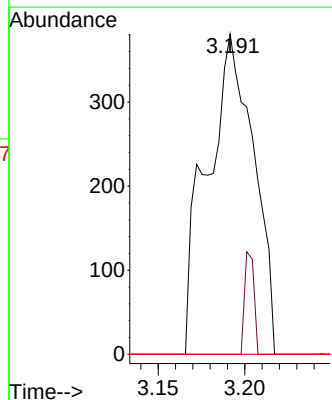
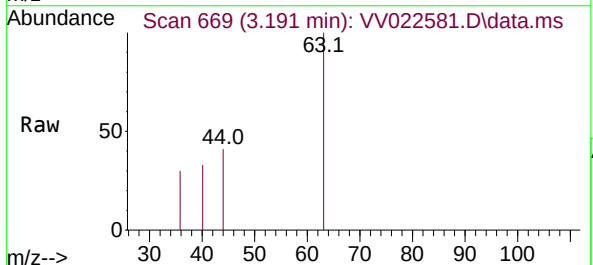
Instrument :
MSVOA_V
ClientSampled :

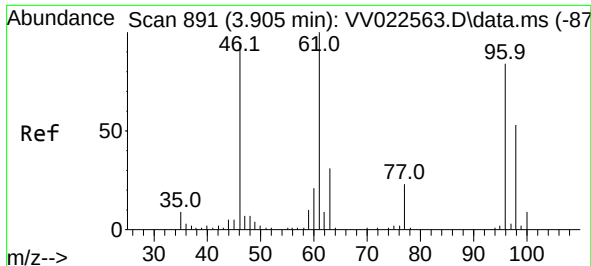
Tgt Ion: 96 Resp: 800
Ion Ratio Lower Upper
96 100
61 118.3 94.0 174.6
98 62.9 44.9 83.3



#19
1,1-Dichloroethane
Concen: 0.058 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

Tgt Ion: 63 Resp: 714
Ion Ratio Lower Upper
63 100
65 0.0 22.8 42.4#
83 0.0 10.2 19.0#

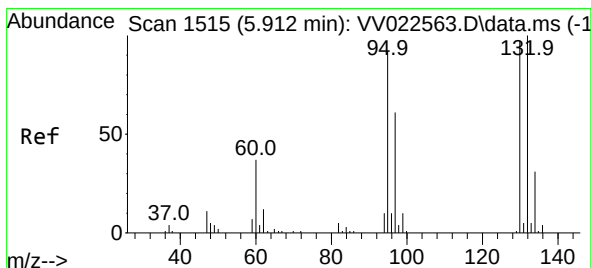
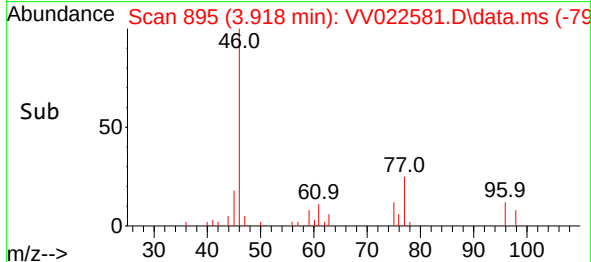
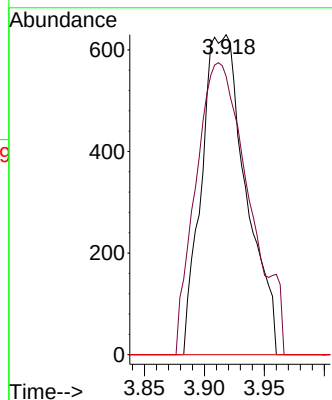
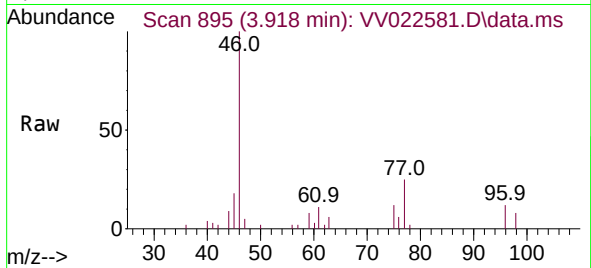




#22
cis-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

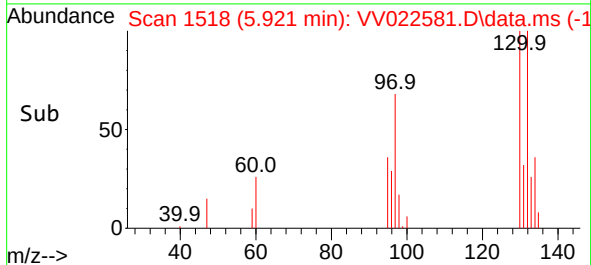
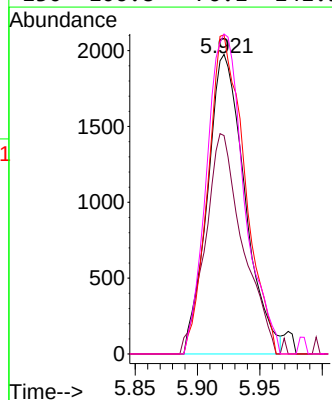
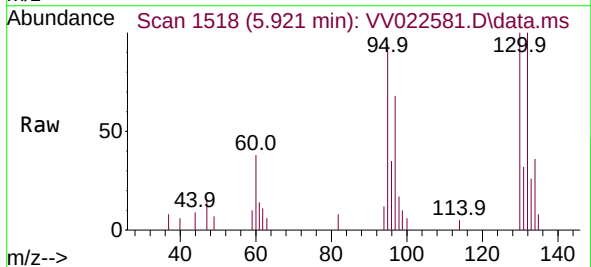
Instrument :
MSVOA_V
ClientSampled :

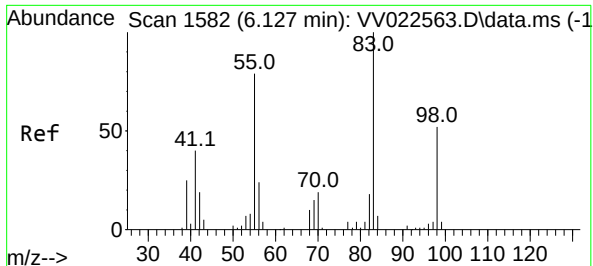
Tgt Ion: 96 Resp: 1620
Ion Ratio Lower Upper
96 100
61 87.0 85.6 159.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.523 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

Tgt Ion: 95 Resp: 4129
Ion Ratio Lower Upper
95 100
97 72.9 46.5 86.5
132 106.6 73.0 135.6
130 106.8 76.1 141.3





#35

Methylcyclohexane

Concen: 0.939 ug/L

RT: 6.072 min Scan# 1565

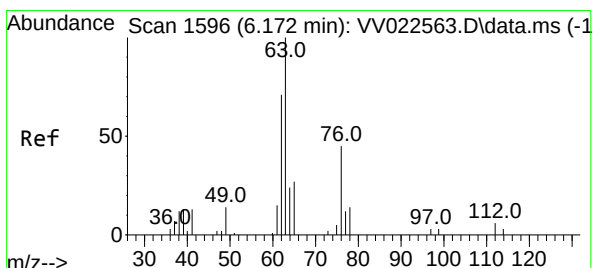
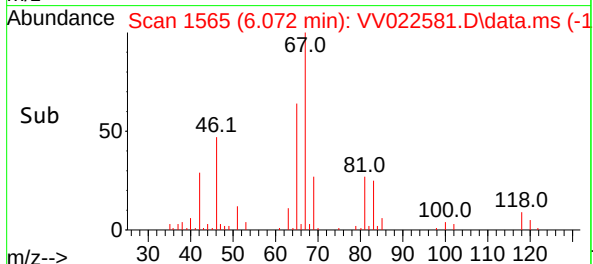
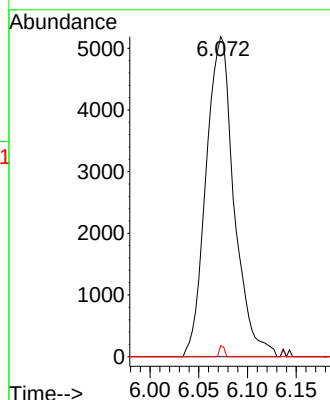
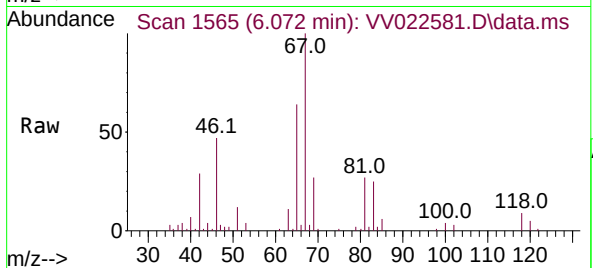
Delta R.T. -0.055 min

Lab File: VV022581.D

Acq: 05 Oct 2021 17:26

Tgt Ion:	83	Resp:	10396
Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.8#
98	0.6	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.706 ug/L

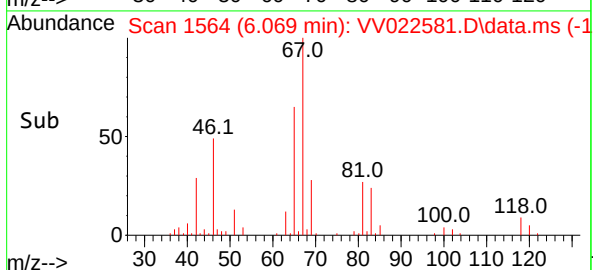
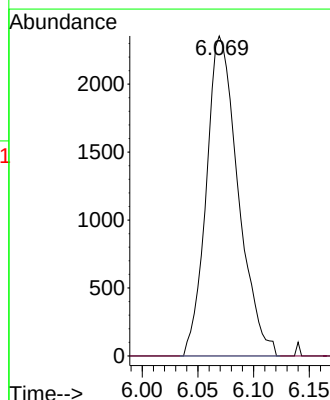
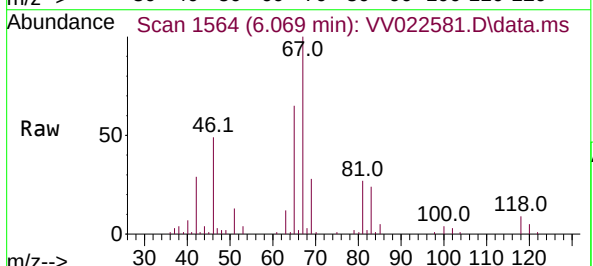
RT: 6.069 min Scan# 1564

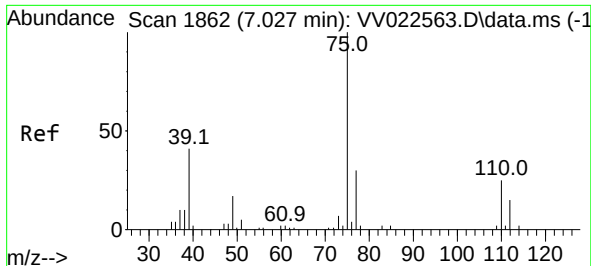
Delta R.T. -0.103 min

Lab File: VV022581.D

Acq: 05 Oct 2021 17:26

Tgt Ion:	63	Resp:	4683
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



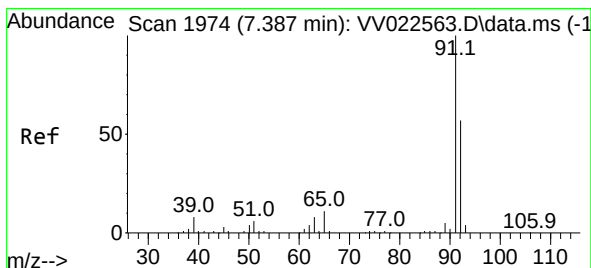
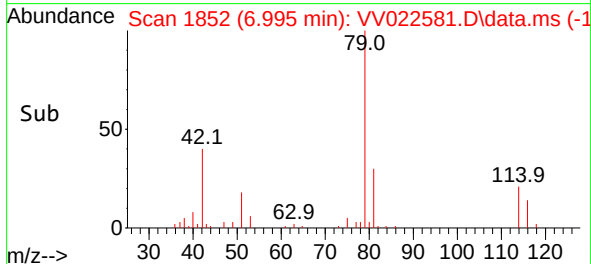
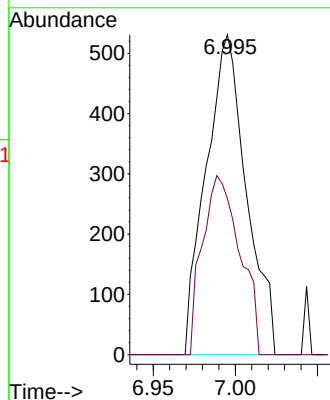
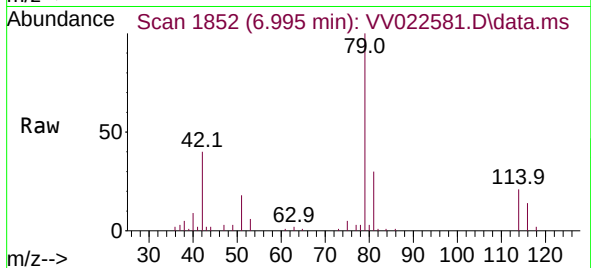


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

Instrument :
MSVOA_V
ClientSampled :

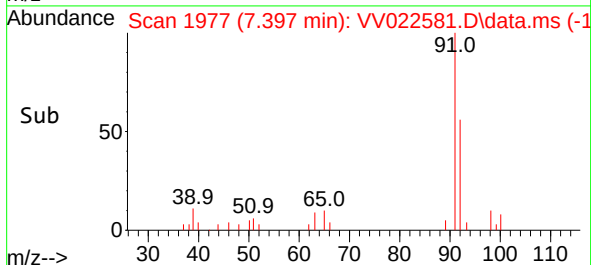
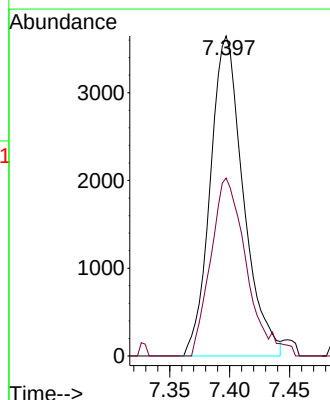
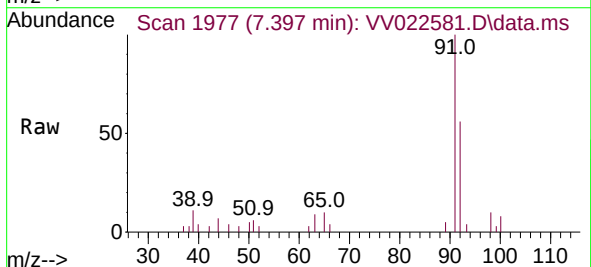
Tgt Ion: 75 Resp: 908
Ion Ratio Lower Upper
75 100
77 48.8 22.4 41.6#

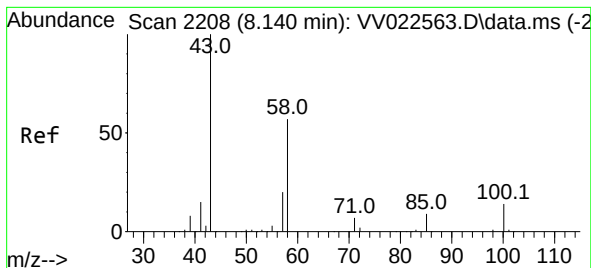


#42

Toluene
Concen: 0.245 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

Tgt Ion: 91 Resp: 6985
Ion Ratio Lower Upper
91 100
92 55.6 40.5 75.3





#48

2-Hexanone

Concen: 3.425 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV022581.D

Acq: 05 Oct 2021 17:26

Tgt Ion: 43 Resp: 9000

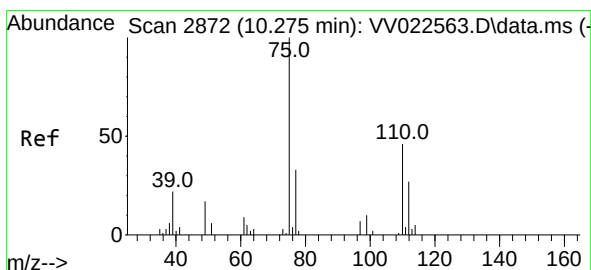
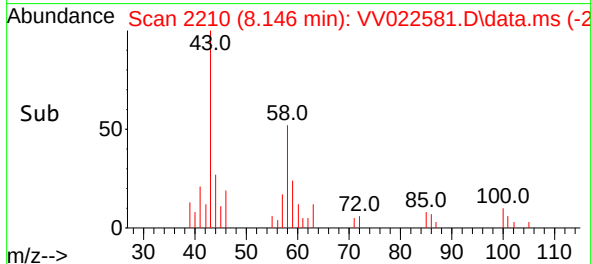
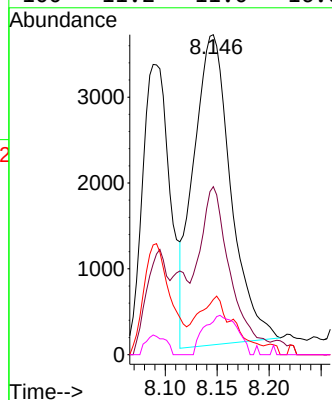
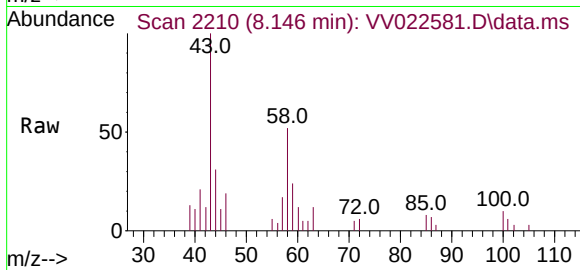
Ion Ratio Lower Upper

43 100

58 38.3 46.4 69.6#

57 18.5 16.3 24.5

100 11.2 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 1.555 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022581.D

Acq: 05 Oct 2021 17:26

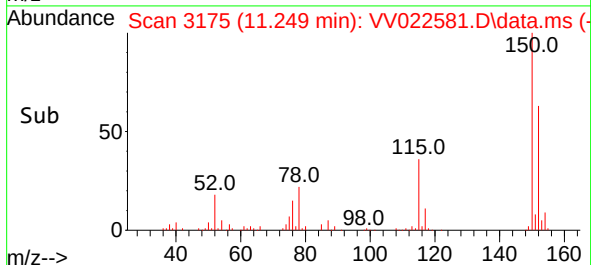
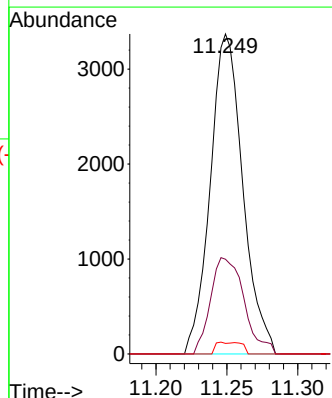
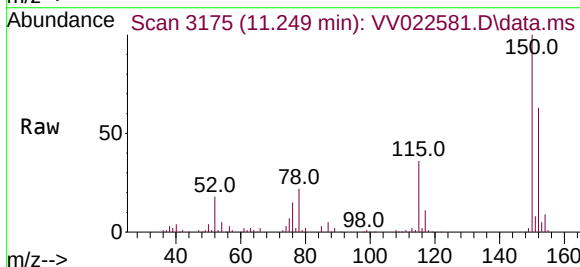
Tgt Ion: 75 Resp: 5378

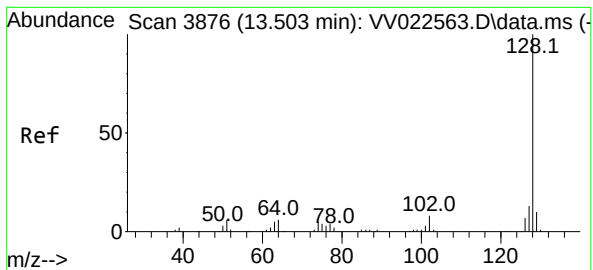
Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

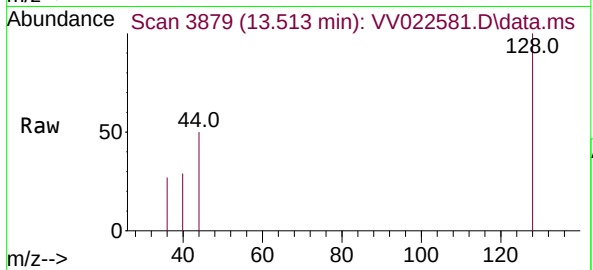
110 1.7 33.0 49.6#





#71
Naphthalene
Concen: 0.058 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022581.D
Acq: 05 Oct 2021 17:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 731
Ion Ratio Lower Upper
128 100
129 0.0 8.3 12.5#
127 0.0 10.2 15.4#

