

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023590.D
 Acq On : 17 Nov 2021 23:22
 Operator : SY/MD
 Sample : M4627-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4675

Quant Time: Nov 18 00:26:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

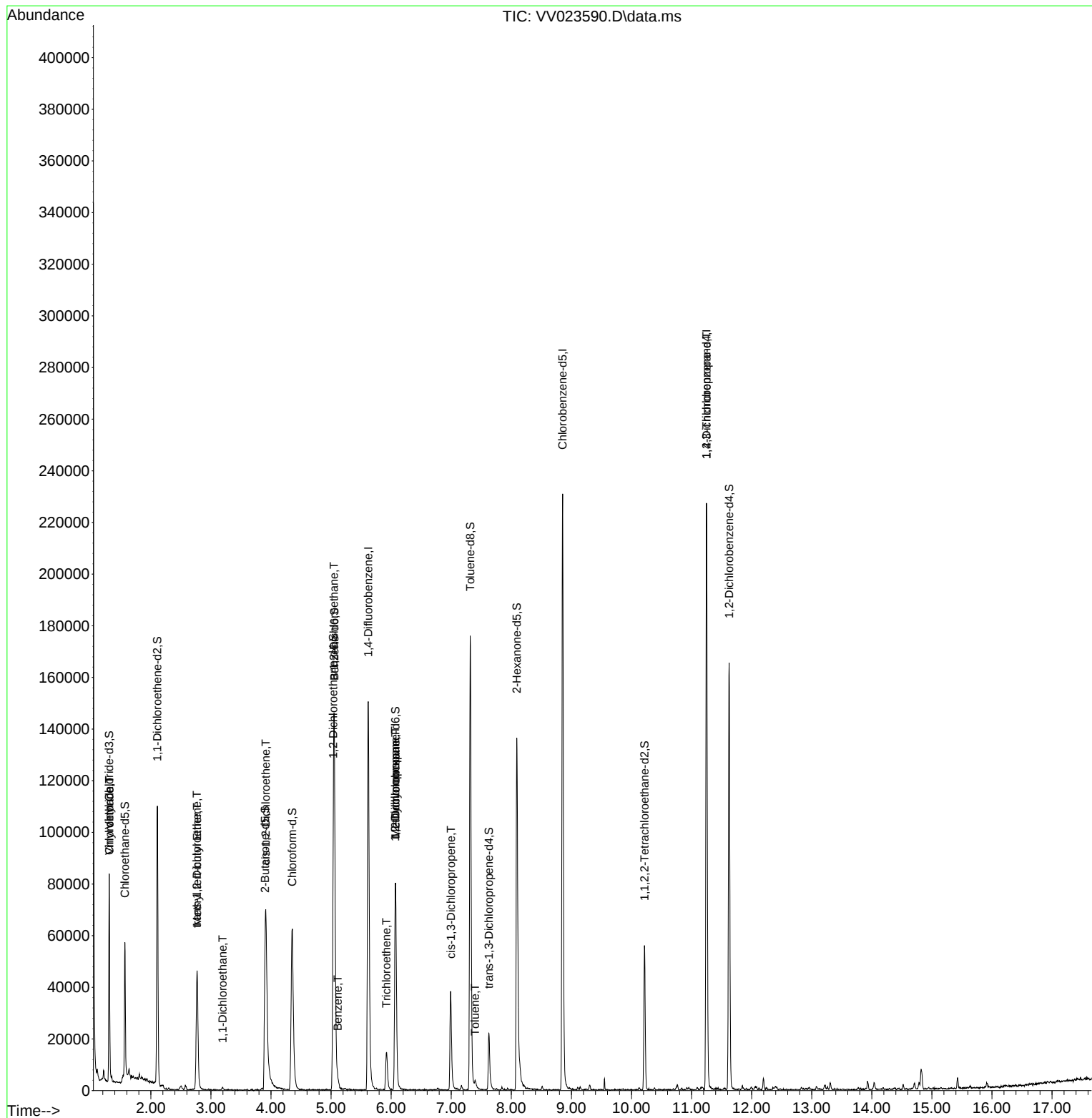
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132524	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40080	4.828	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.568	69	30123	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.108	63	55539	3.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.902	46	61883	43.266	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.540%
24) Chloroform-d	4.352	84	64204	3.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.037	65	32325	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.053	84	132212	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.072	67	38104	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.316	98	115839	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.625	79	13997	3.742	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.091	63	47181	34.279	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25550	3.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	43183	4.235	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4681	0.427	ug/L #	71
8) Chloroethane	1.310	64	2027	0.320	ug/L	83
17) Methyl tert-butyl Ether	2.770	73	43756	2.515	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	641	0.066	ug/L	86
19) 1,1-Dichloroethane	3.194	63	1171	0.071	ug/L #	71
22) cis-1,2-Dichloroethene	3.912	96	27908	2.985	ug/L #	81
27) 1,2-Dichloroethane	5.047	62	881	0.095	ug/L #	72
33) Benzene	5.111	78	2686	0.074	ug/L	100
34) Trichloroethene	5.921	95	5170	0.533	ug/L	96
35) Methylcyclohexane	6.072	83	9954	0.650	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	4596	0.539	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1128	0.092	ug/L #	54
42) Toluene	7.397	91	2846	0.073	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	6585	1.619	ug/L #	65

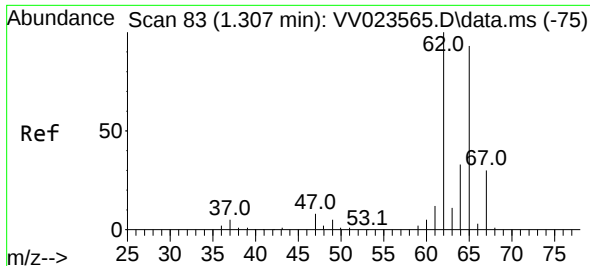
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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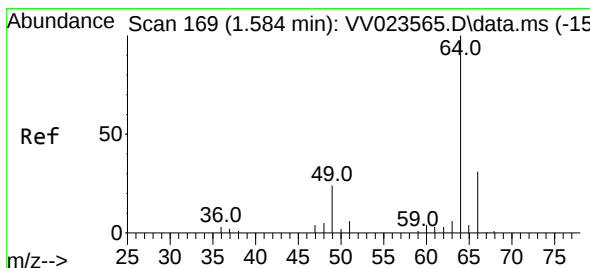
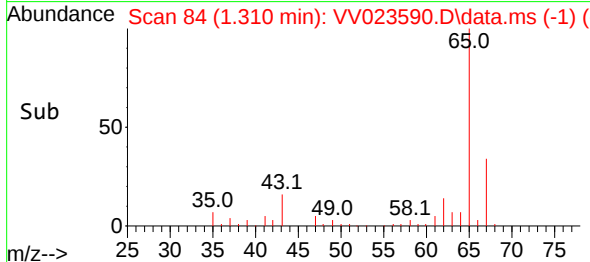
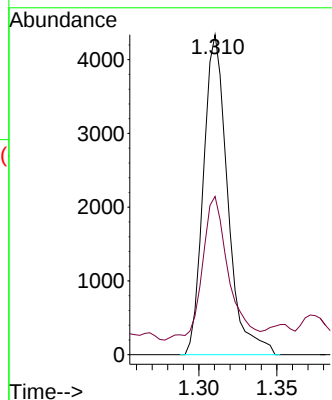
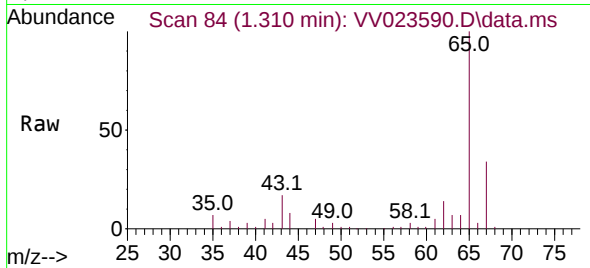




#5
 Vinyl chloride
 Concen: 0.427 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023590.D
 Acq: 17 Nov 2021 23:22

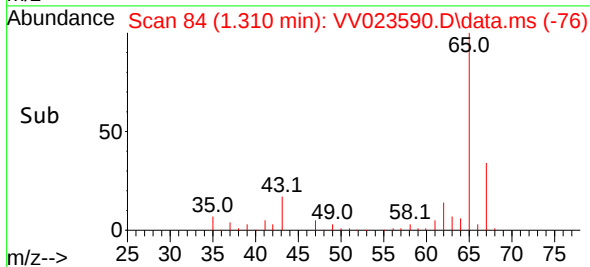
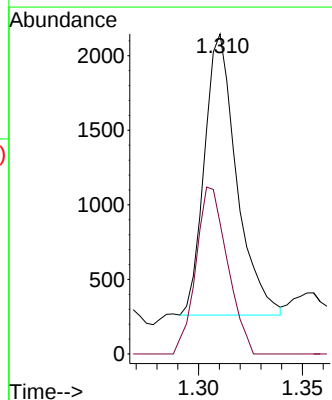
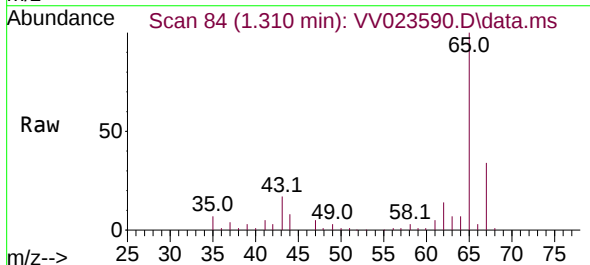
Instrument :
 MSVOA_V
 ClientSampleId :
 H4675

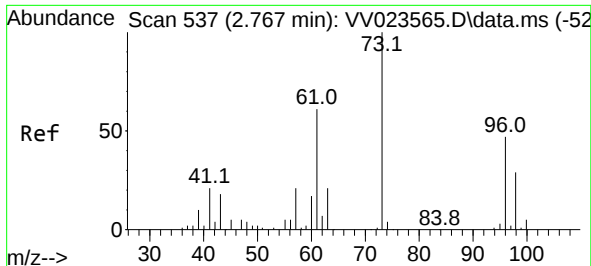
Tgt Ion: 62 Resp: 4681
 Ion Ratio Lower Upper
 62 100
 64 49.5 23.1 42.9#



#8
 Chloroethane
 Concen: 0.320 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV023590.D
 Acq: 17 Nov 2021 23:22

Tgt Ion: 64 Resp: 2027
 Ion Ratio Lower Upper
 64 100
 66 41.0 22.1 41.1

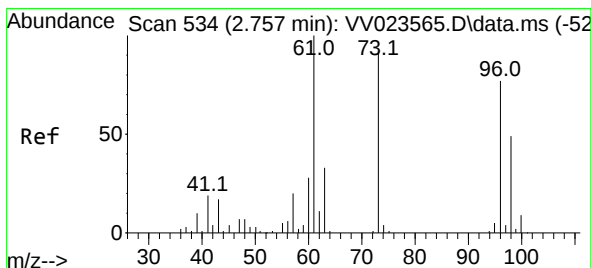
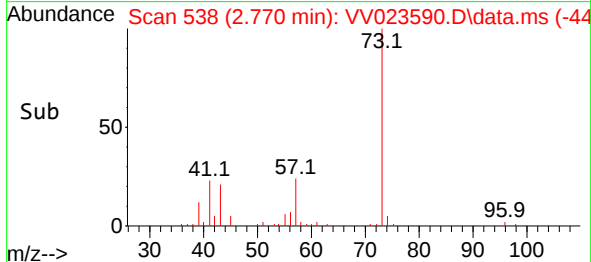
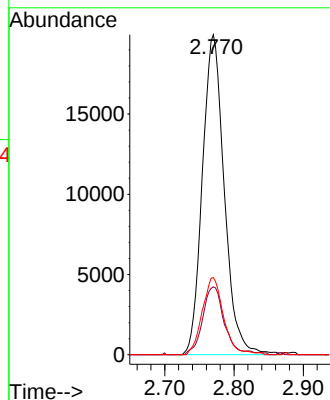
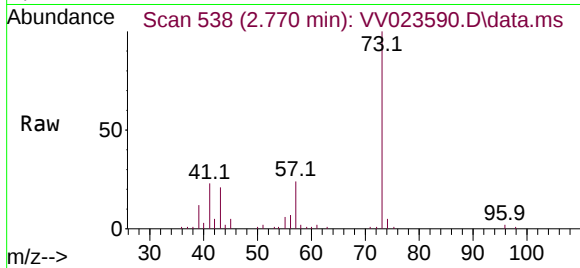




#17
Methyl tert-butyl Ether
Concen: 2.515 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023590.D
Acq: 17 Nov 2021 23:22

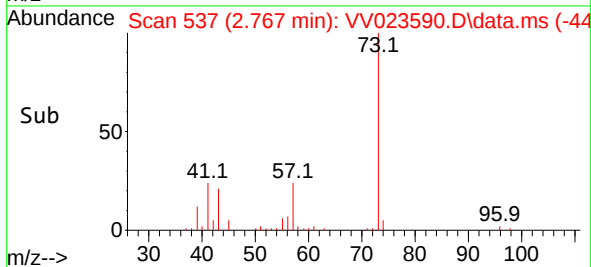
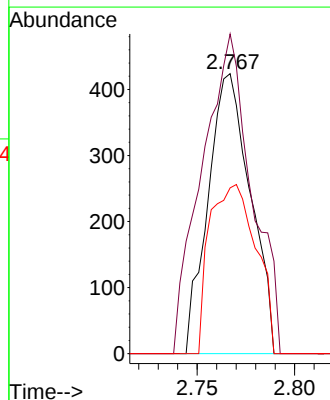
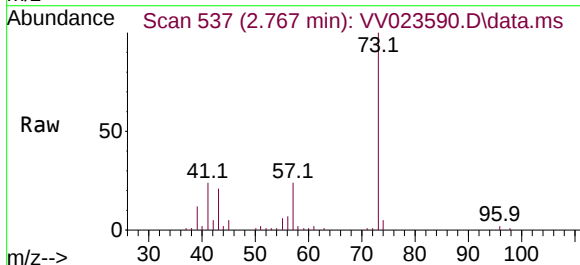
Instrument :
MSVOA_V
ClientSampleId :
H4675

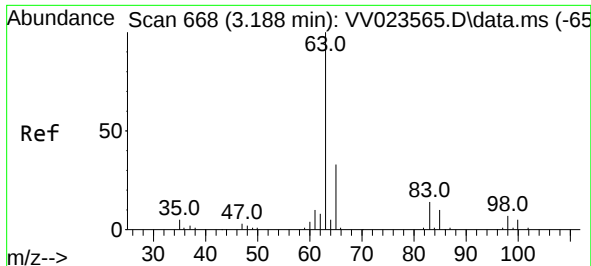
Tgt Ion: 73 Resp: 43756
Ion Ratio Lower Upper
73 100
43 20.5 17.4 26.0
57 23.5 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 0.066 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV023590.D
Acq: 17 Nov 2021 23:22

Tgt Ion: 96 Resp: 641
Ion Ratio Lower Upper
96 100
61 114.2 93.2 173.2
98 59.2 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.071 ug/L

RT: 3.194 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV023590.D

Acq: 17 Nov 2021 23:22

Instrument :

MSVOA_V

ClientSampleId :

H4675

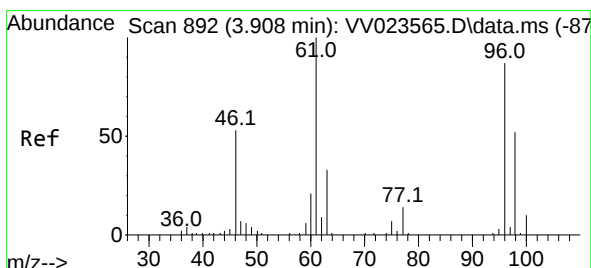
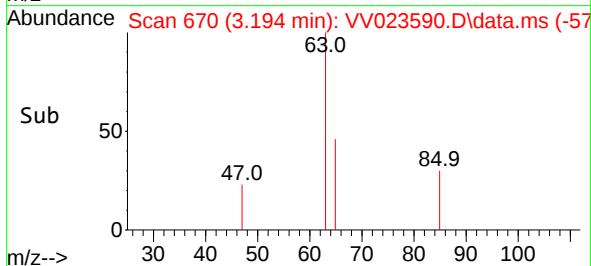
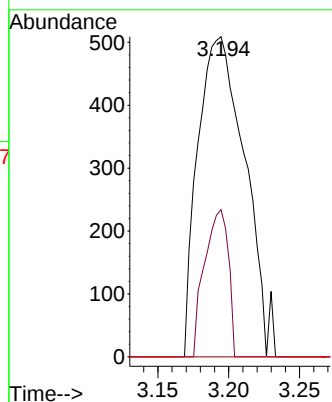
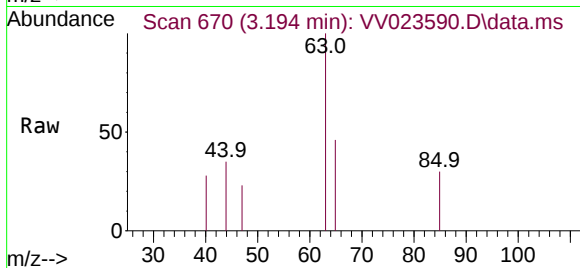
Tgt Ion: 63 Resp: 1171

Ion Ratio Lower Upper

63 100

65 46.0 22.6 42.0#

83 0.0 11.1 20.7#



#22

cis-1,2-Dichloroethene

Concen: 2.985 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV023590.D

Acq: 17 Nov 2021 23:22

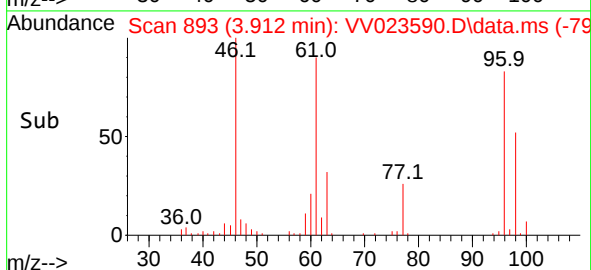
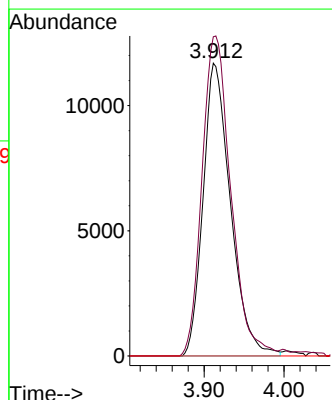
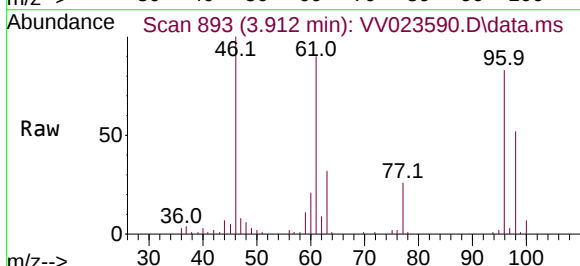
Tgt Ion: 96 Resp: 27908

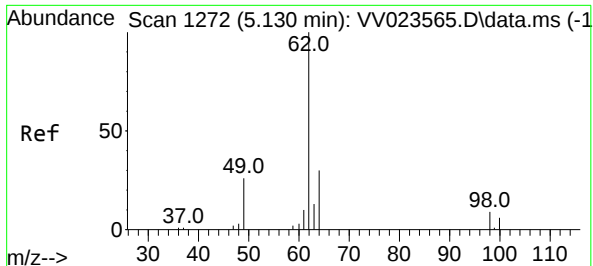
Ion Ratio Lower Upper

96 100

61 109.0 92.3 171.3

68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.084 min

Lab File: VV023590.D

Acq: 17 Nov 2021 23:22

Instrument :

MSVOA_V

ClientSampleId :

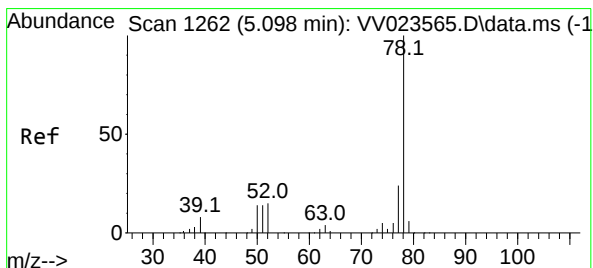
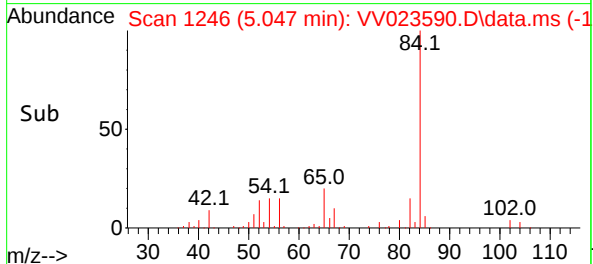
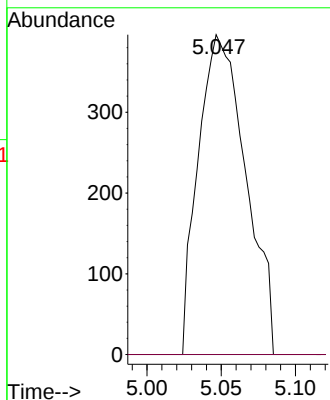
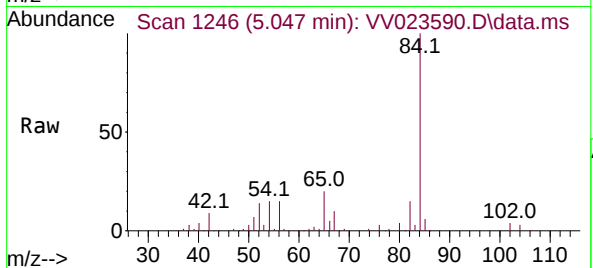
H4675

Tgt Ion: 62 Resp: 881

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#33

Benzene

Concen: 0.074 ug/L

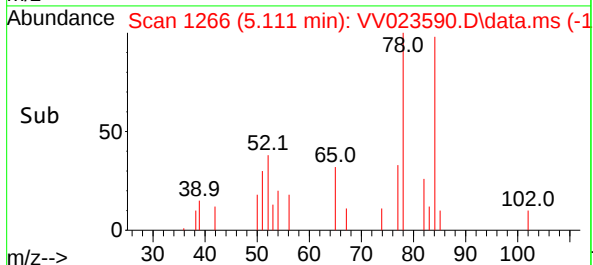
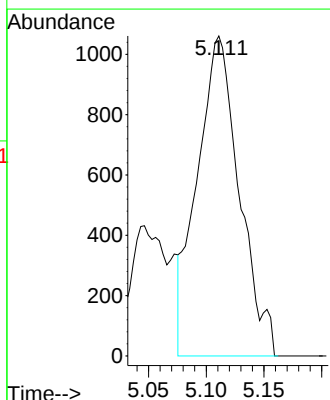
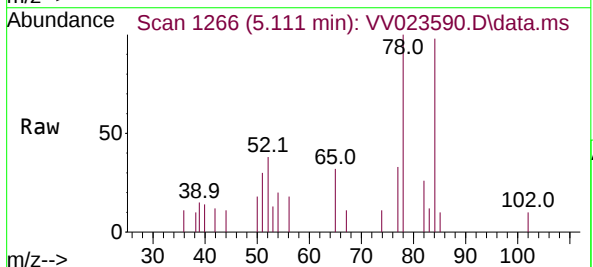
RT: 5.111 min Scan# 1266

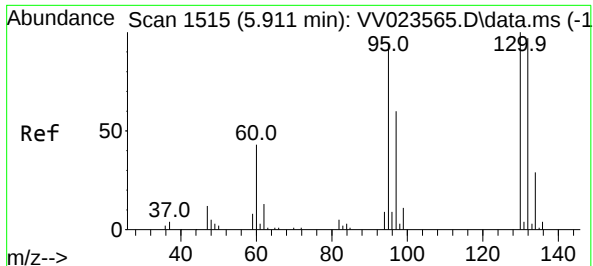
Delta R.T. 0.013 min

Lab File: VV023590.D

Acq: 17 Nov 2021 23:22

Tgt Ion: 78 Resp: 2686



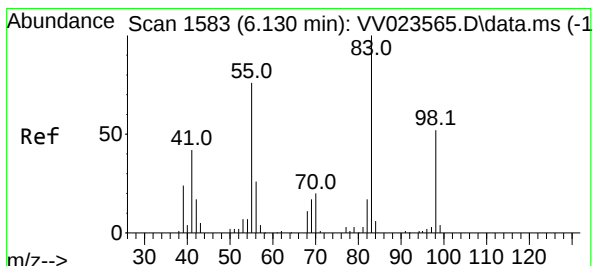
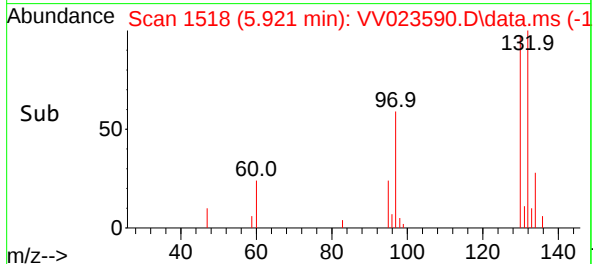
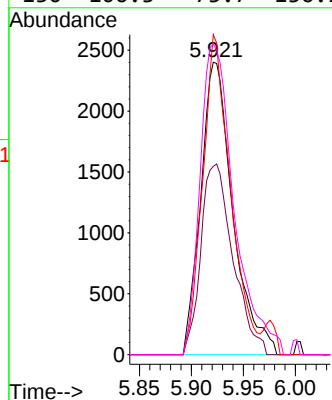
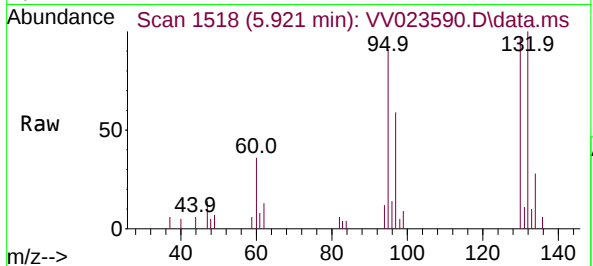


#34
Trichloroethene
Concen: 0.533 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023590.D
Acq: 17 Nov 2021 23:22

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 95 Resp: 5170

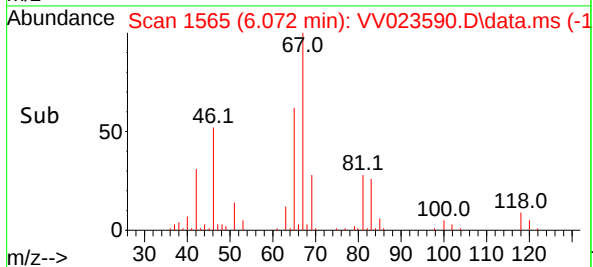
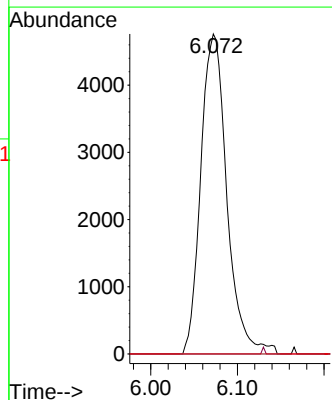
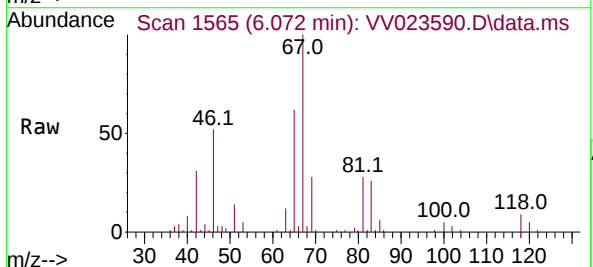
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.0	83.6
132	109.4	69.7	129.4
130	106.3	73.7	136.9

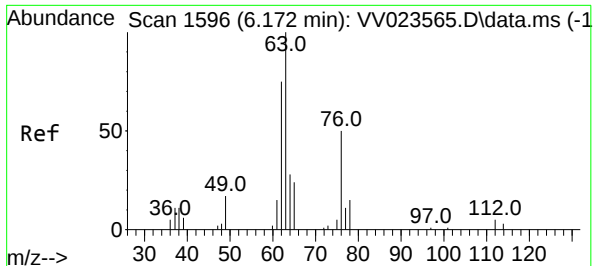


#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023590.D
Acq: 17 Nov 2021 23:22

Tgt Ion: 83 Resp: 9954

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.8	94.2#
98	0.0	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023590.D

Acq: 17 Nov 2021 23:22

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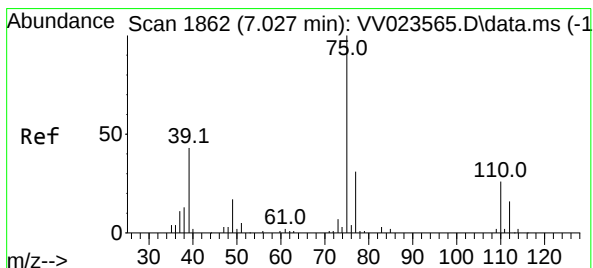
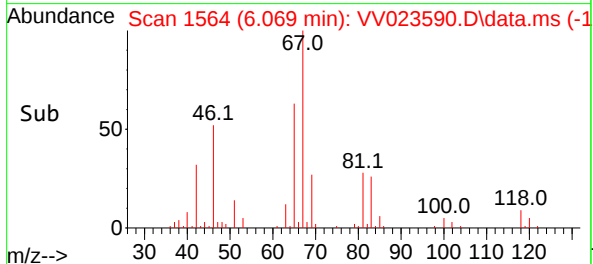
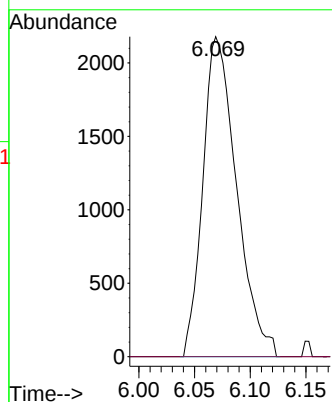
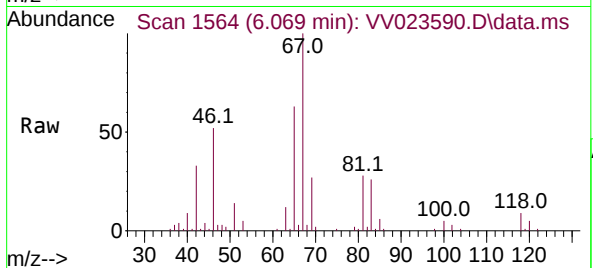
H4675

Tgt Ion: 63 Resp: 4596

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV023590.D

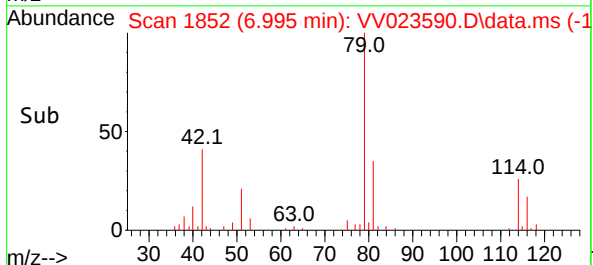
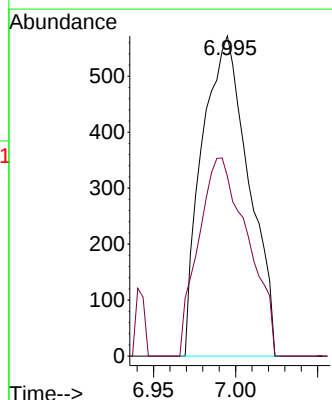
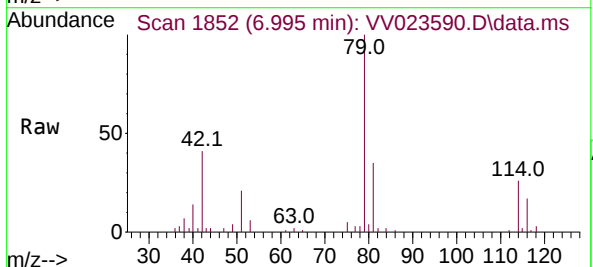
Acq: 17 Nov 2021 23:22

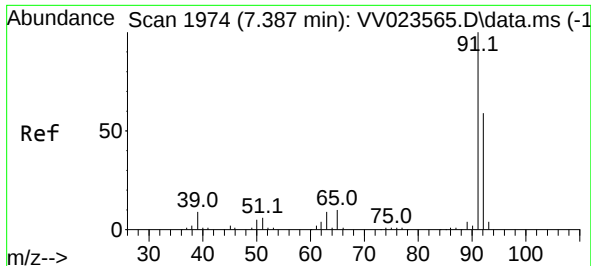
Tgt Ion: 75 Resp: 1128

Ion Ratio Lower Upper

75 100

77 56.1 21.6 40.2#





#42

Toluene

Concen: 0.073 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

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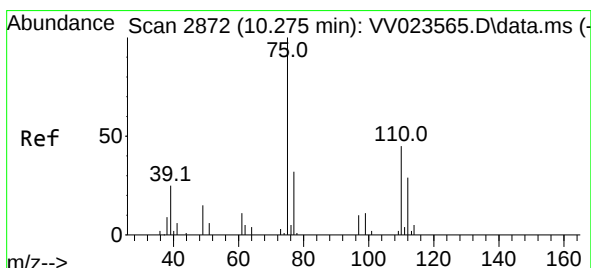
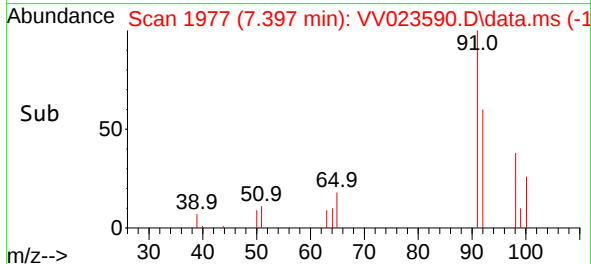
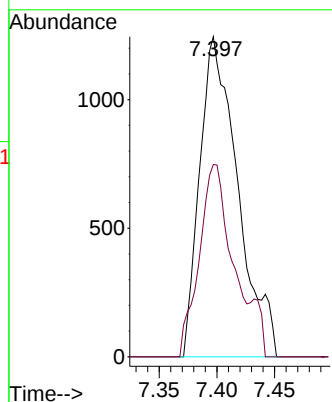
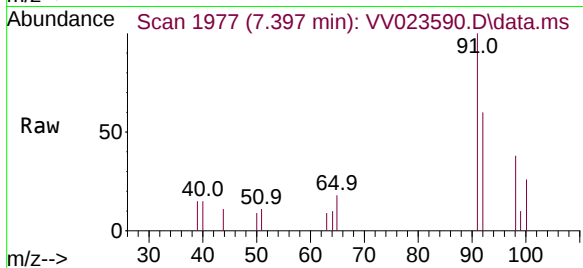
H4675

Tgt Ion: 91 Resp: 2846

Ion Ratio Lower Upper

91 100

92 60.1 39.3 72.9



#61

1,2,3-Trichloropropane

Concen: 1.619 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023590.D

Acq: 17 Nov 2021 23:22

Tgt Ion: 75 Resp: 6585

Ion Ratio Lower Upper

75 100

77 36.3 26.6 39.8

110 2.9 31.8 47.6#

