

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023589.D
 Acq On : 17 Nov 2021 22:58
 Operator : SY/MD
 Sample : M4627-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4648

Quant Time: Nov 18 00:26:08 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)

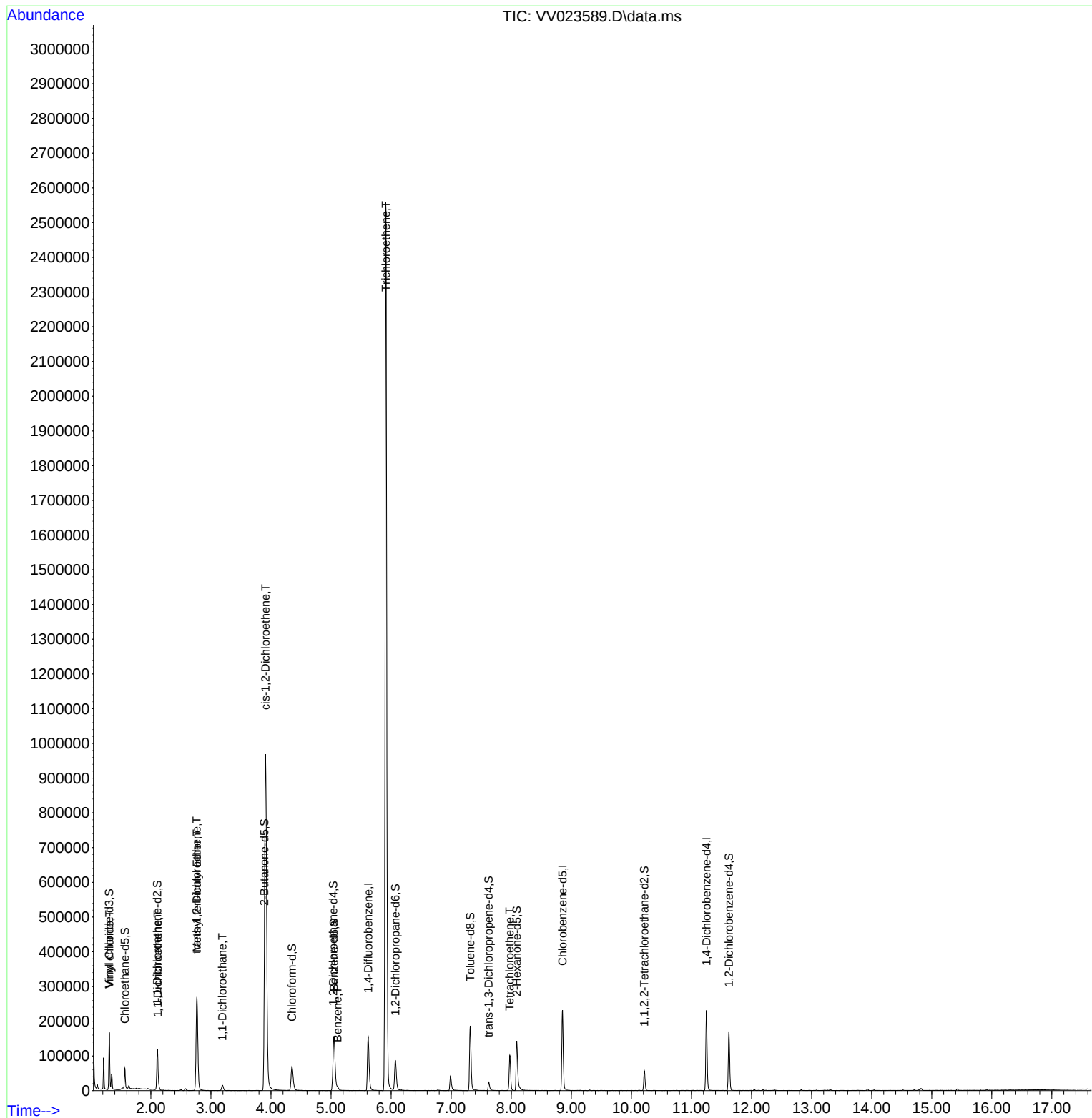
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42628	4.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.568	69	32237	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.108	63	58600	3.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.889	46	66162	44.729	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.460%
24) Chloroform-d	4.349	84	71076	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	5.037	65	34350	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.050	84	142131	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.072	67	41020	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.317	98	124931	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.625	79	14331	3.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.091	63	49645	35.997	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25918	3.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	46223	4.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	44159	3.891	ug/L	99
12) 1,1-Dichloroethene	2.117	96	2554	0.312	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	224245	12.465	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	22608	2.250	ug/L	98
19) 1,1-Dichloroethane	3.191	63	15112	0.891	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	539734	55.821	ug/L #	93
33) Benzene	5.108	78	9693	0.265	ug/L	100
34) Trichloroethene	5.912	95	836709	86.010	ug/L	99
47) Tetrachloroethene	7.976	164	23512	2.789	ug/L	98

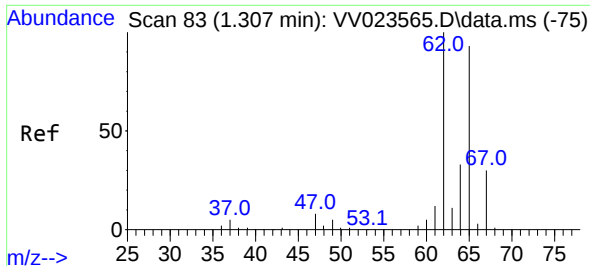
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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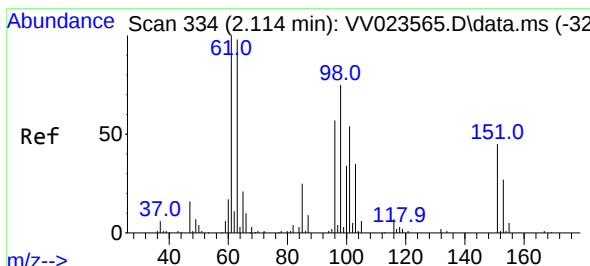
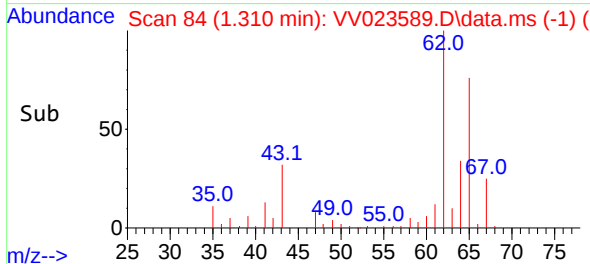
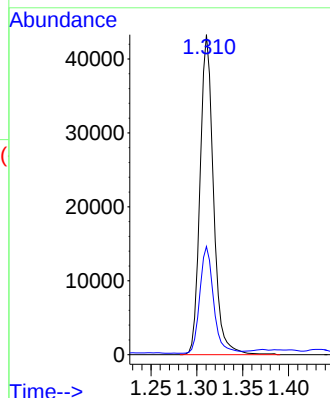
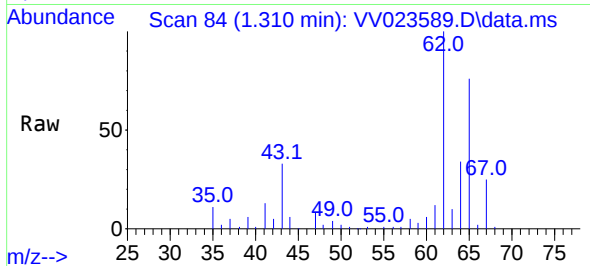




#5
 Vinyl chloride
 Concen: 3.891 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023589.D
 Acq: 17 Nov 2021 22:58

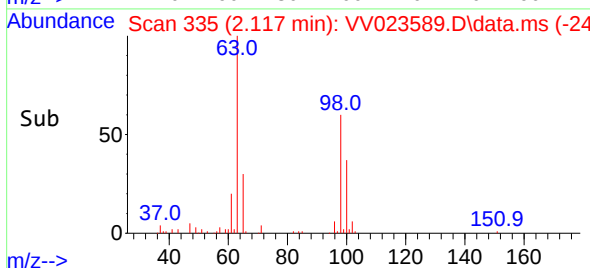
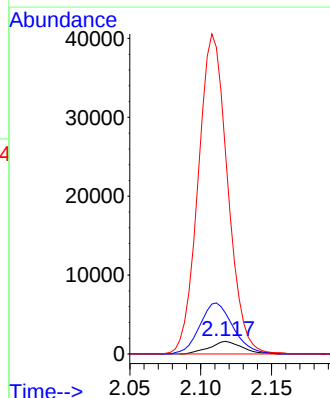
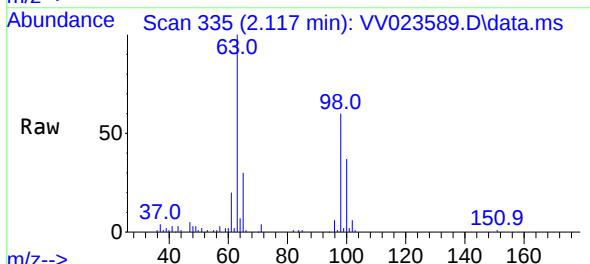
Instrument :
 MSVOA_V
 ClientSampleId :
 H4648

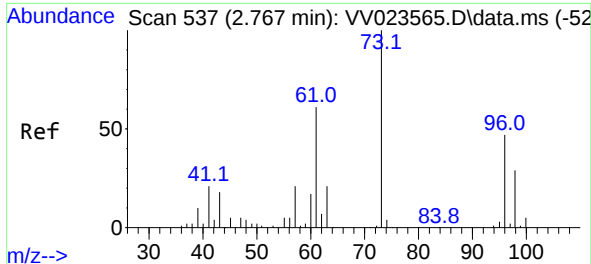
Tgt Ion: 62 Resp: 44159
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.312 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023589.D
 Acq: 17 Nov 2021 22:58

Tgt Ion: 96 Resp: 2554
 Ion Ratio Lower Upper
 96 100
 61 321.4 121.5 225.7#
 63 1587.1 99.6 185.0#





#17

Methyl tert-butyl Ether

Concen: 12.465 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

Instrument :

MSVOA_V

ClientSampleId :

H4648

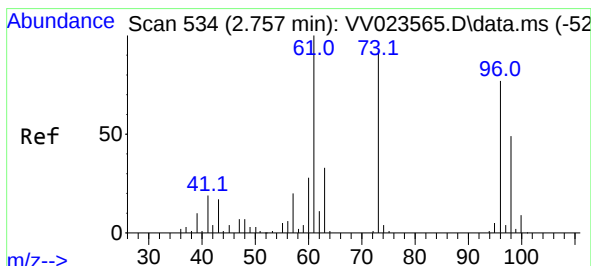
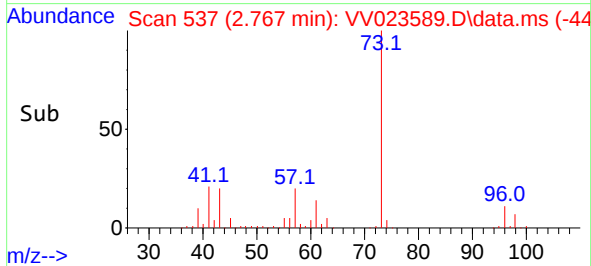
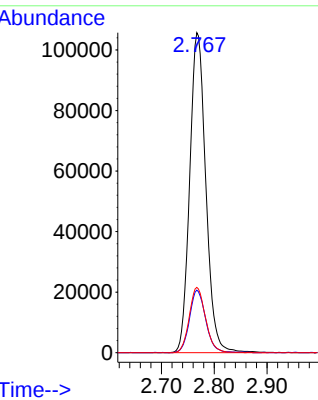
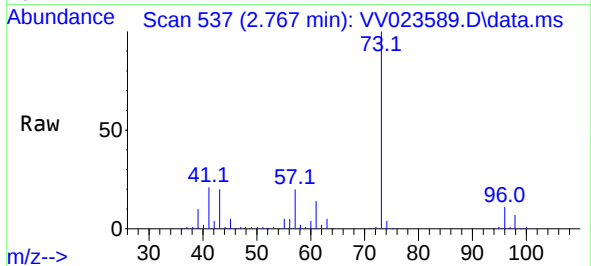
Tgt Ion: 73 Resp: 224245

Ion Ratio Lower Upper

73 100

43 19.6 17.4 26.0

57 20.6 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 2.250 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.006 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

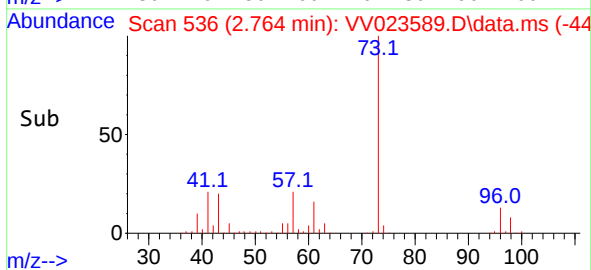
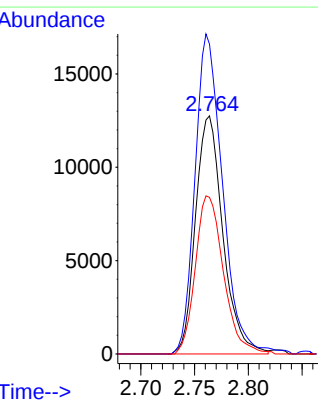
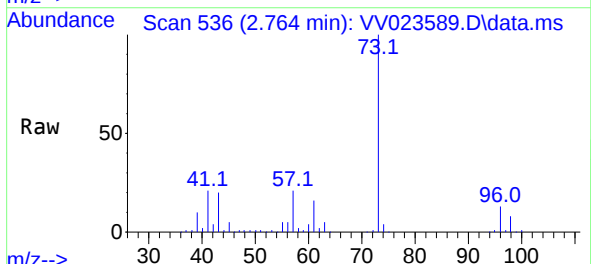
Tgt Ion: 96 Resp: 22608

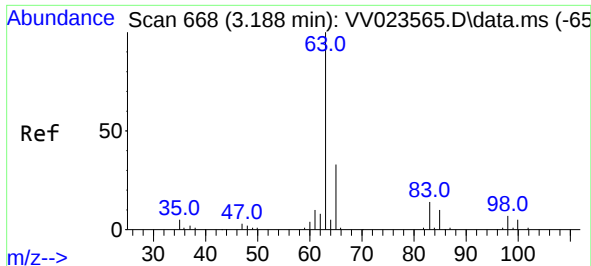
Ion Ratio Lower Upper

96 100

61 130.2 93.2 173.2

98 65.8 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.891 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

Instrument :

MSVOA_V

ClientSampleId :

H4648

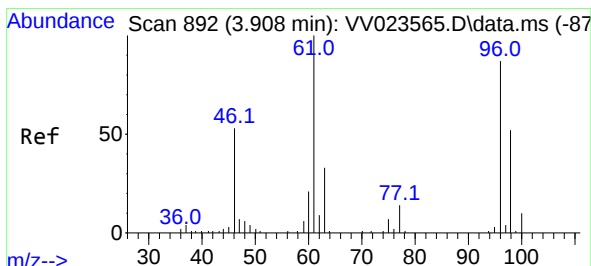
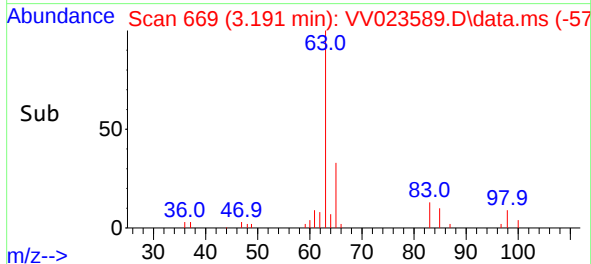
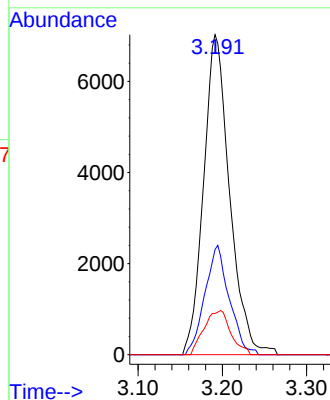
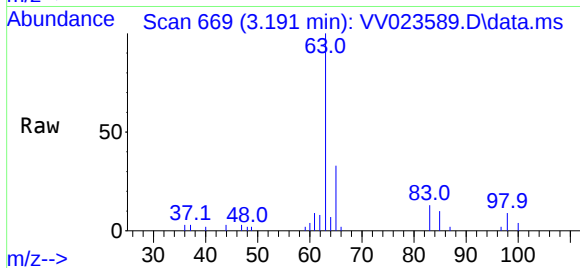
Tgt Ion: 63 Resp: 15112

Ion Ratio Lower Upper

63 100

65 32.9 22.6 42.0

83 12.9 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 55.821 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

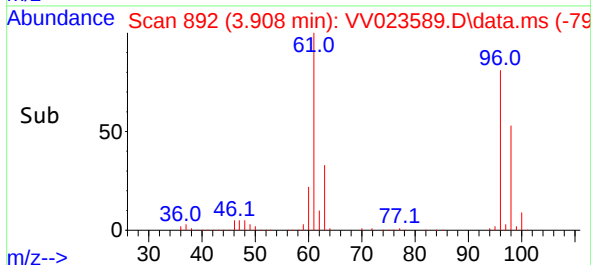
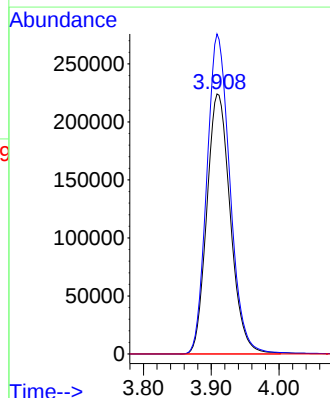
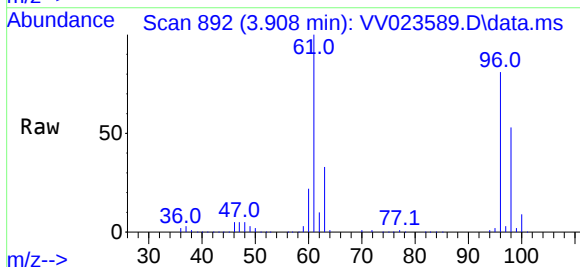
Tgt Ion: 96 Resp: 539734

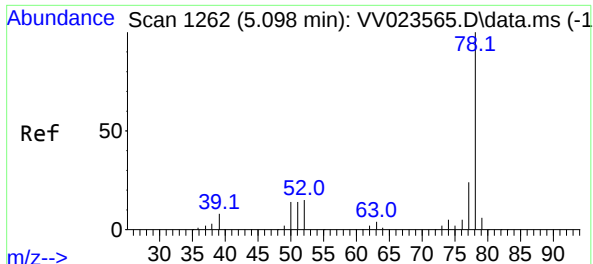
Ion Ratio Lower Upper

96 100

61 123.0 92.3 171.3

68 0.0 0.4 0.8#

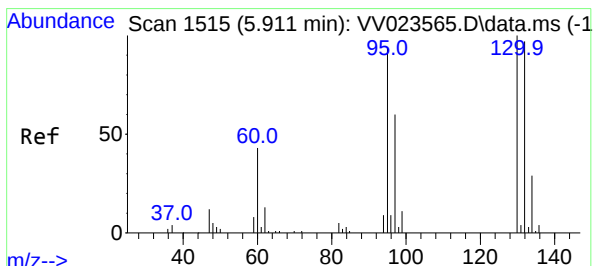
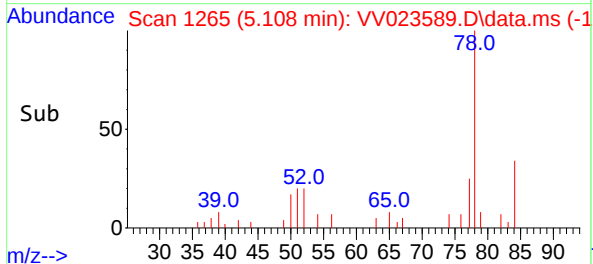
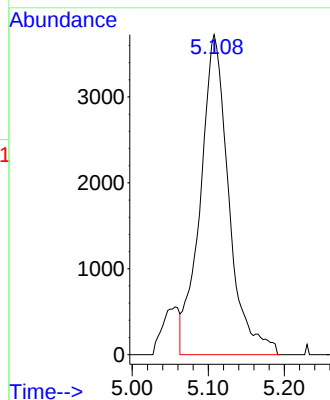
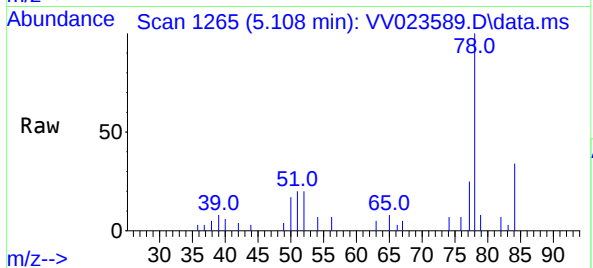




#33
Benzene
Concen: 0.265 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

Tgt Ion: 78 Resp: 9693

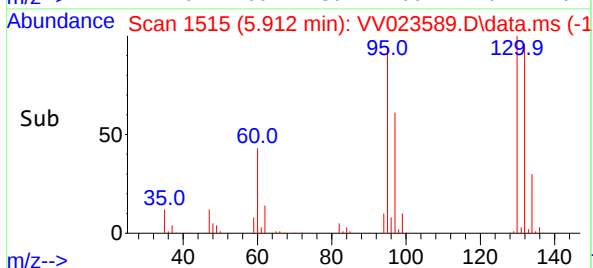
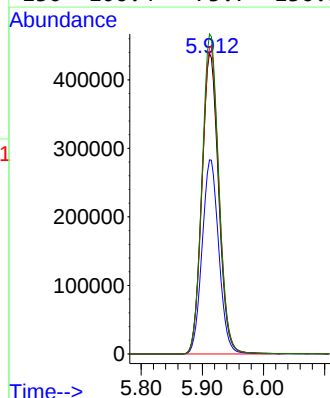
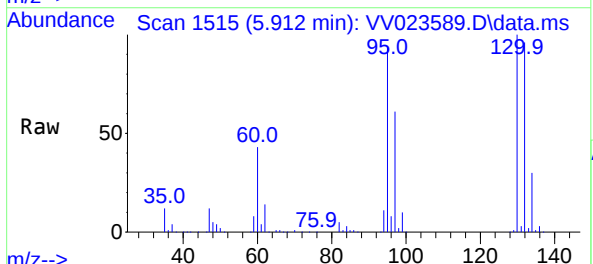
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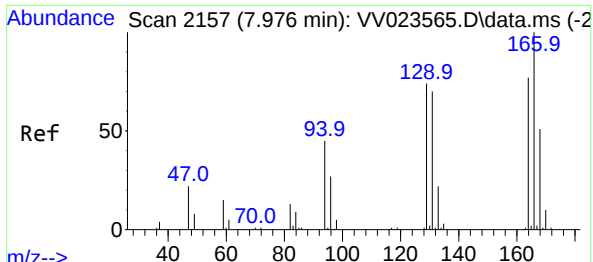


#34
Trichloroethene
Concen: 86.010 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

Tgt Ion: 95 Resp: 836709

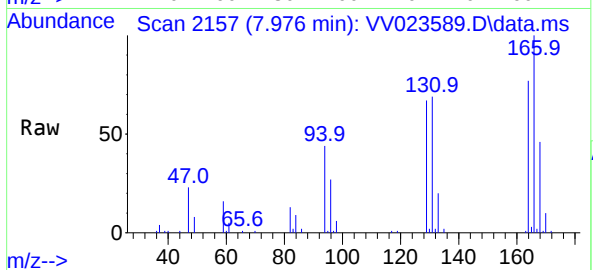
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.0	83.6
132	102.1	69.7	129.4
130	106.4	73.7	136.9





#47
Tetrachloroethene
Concen: 2.789 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 23512

Ion	Ratio	Lower	Upper
164	100		
129	87.2	64.0	119.0
131	89.6	63.4	117.8
166	129.7	89.3	165.9

