

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028895.D
 Acq On : 11 Nov 2022 23:17
 Operator : SY/MD
 Sample : N5592-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2

Quant Time: Nov 12 02:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

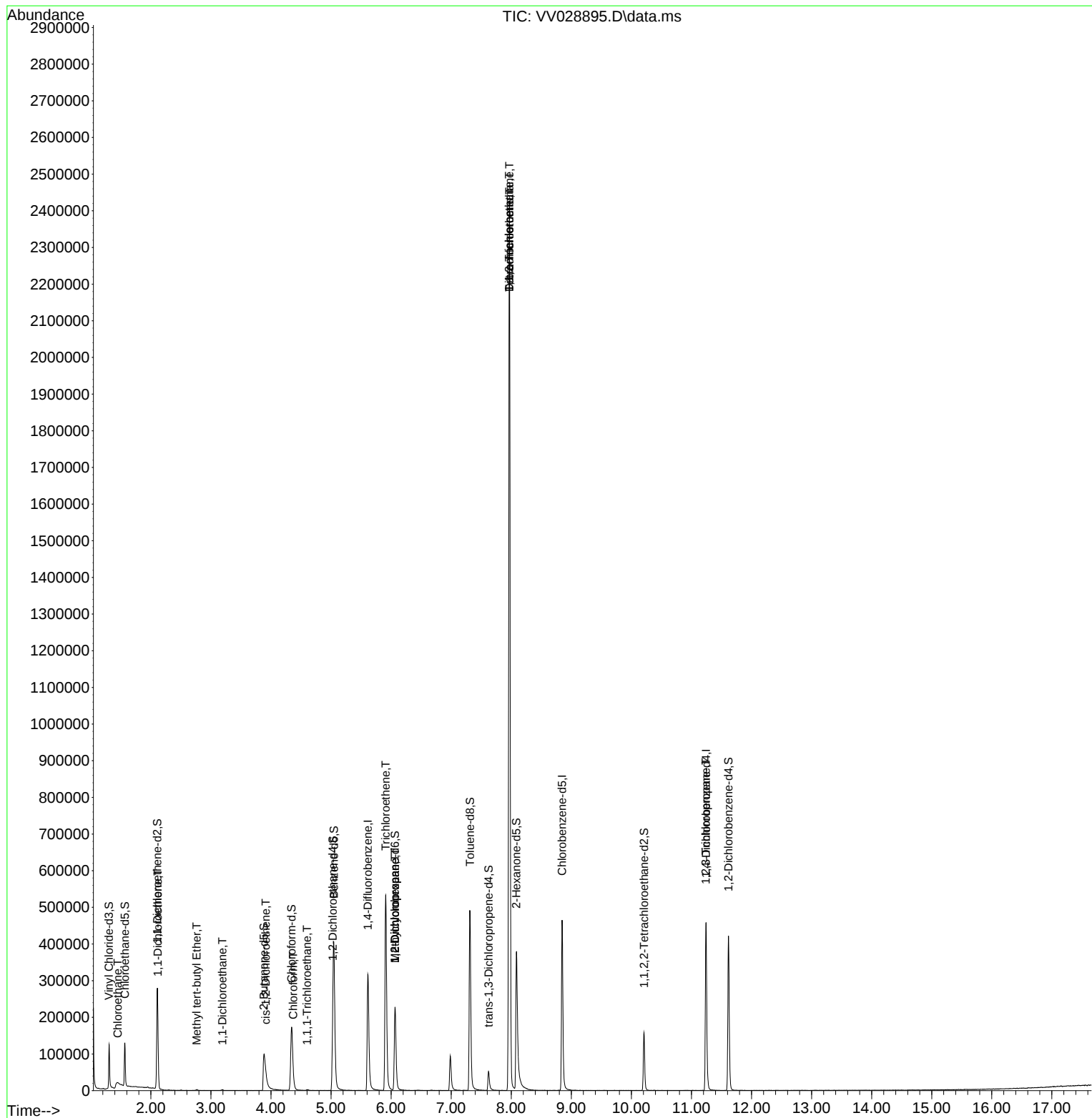
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	297447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	278206	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	133413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84715	4.672	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.568	69	78210	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.108	63	129669	3.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.883	46	183127	60.328	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.660%
24) Chloroform-d	4.343	84	186959	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.027	65	87381	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.047	84	400530	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.066	67	116668	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	353799	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.622	79	35820	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.085	63	167453	51.873	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.740%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	79823	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	119379	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.449	64	42480	3.080	ug/L #	52
12) 1,1-Dichloroethene	2.118	96	23228	1.290	ug/L #	6
17) Methyl tert-butyl Ether	2.761	73	1883	0.049	ug/L #	80
19) 1,1-Dichloroethane	3.191	63	2663	0.078	ug/L #	91
22) cis-1,2-Dichloroethene	3.912	96	6719	0.316	ug/L	96
25) Chloroform	4.368	83	10855	0.303	ug/L	95
29) 1,1,1-Trichloroethane	4.600	97	1979	0.061	ug/L #	86
34) Trichloroethene	5.908	95	193383	8.885	ug/L	99
35) Methylcyclohexane	6.066	83	28784	0.753	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12245	0.625	ug/L #	85
45) 1,1,2-Trichloroethane	7.966	97	4336	0.338	ug/L #	1
47) Tetrachloroethene	7.969	164	559593	32.110	ug/L	99
49) Dibromochloromethane	7.969	129	499960	32.222	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	15048	1.651	ug/L #	64

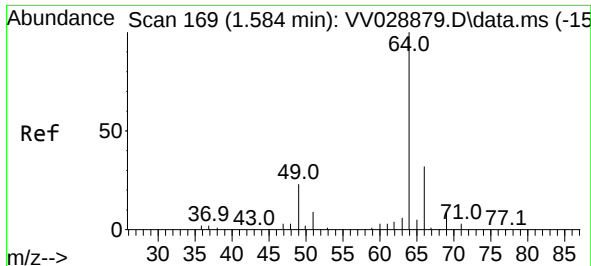
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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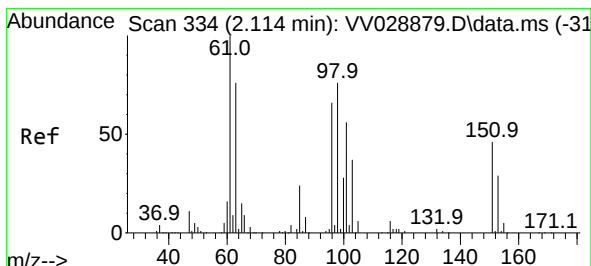
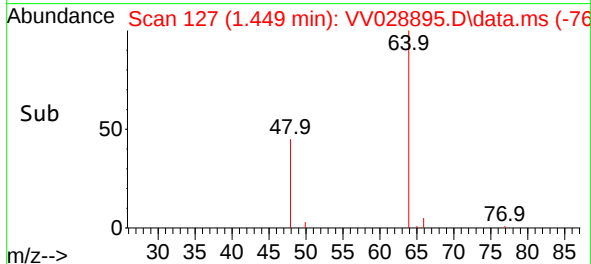
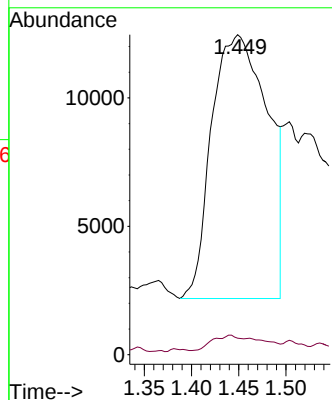
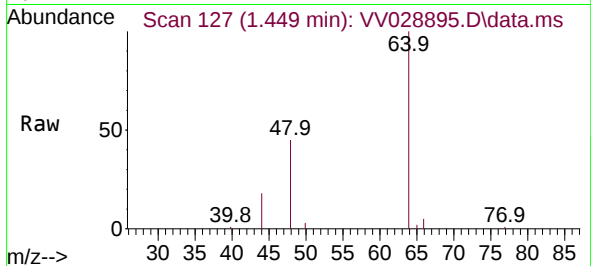




#8
Chloroethane
Concen: 3.080 ug/L
RT: 1.449 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV028895.D
Acq: 11 Nov 2022 23:17

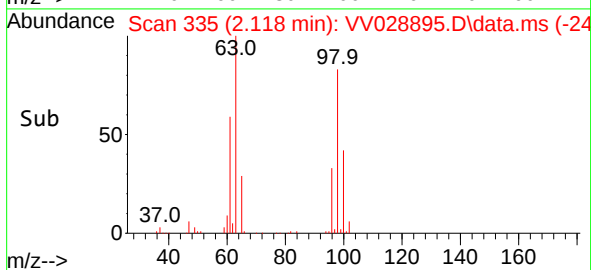
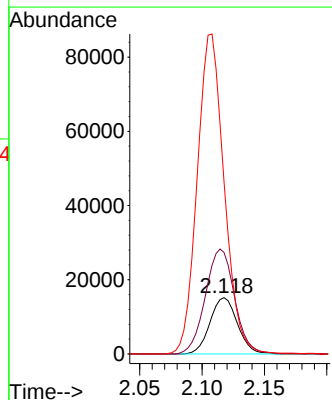
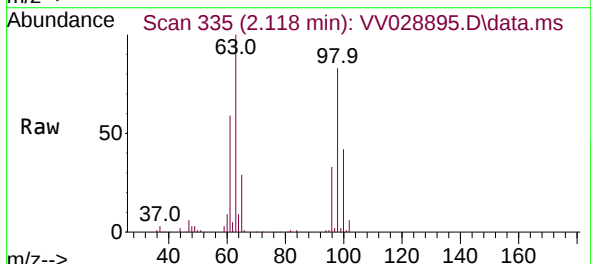
Instrument :
MSVOA_V
ClientSampleId :
H0AC2

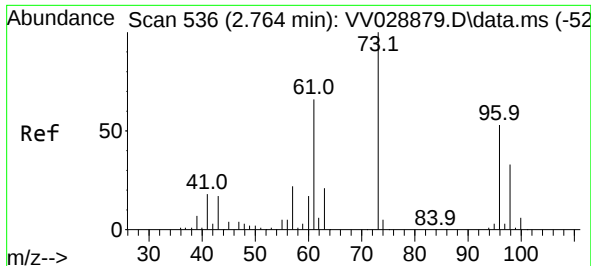
Tgt Ion: 64 Resp: 42480
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 1.290 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV028895.D
Acq: 11 Nov 2022 23:17

Tgt Ion: 96 Resp: 23228
Ion Ratio Lower Upper
96 100
61 180.3 104.2 193.4
63 305.4 75.9 140.9#

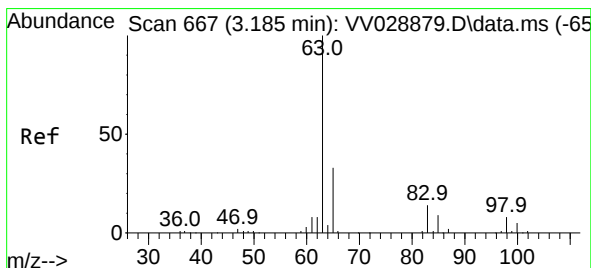
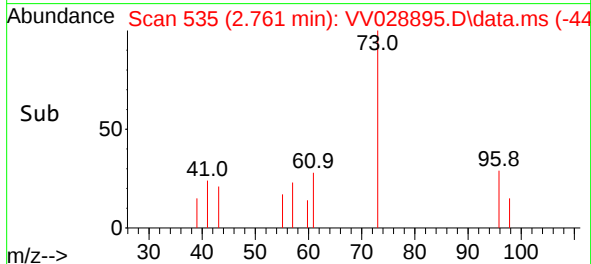
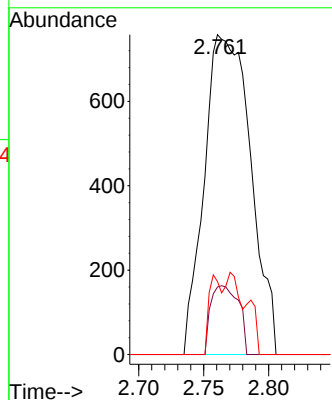
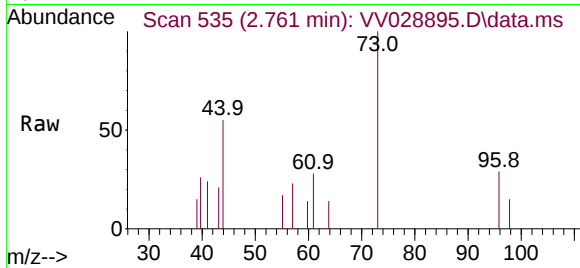




#17
Methyl tert-butyl Ether
Concen: 0.049 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028895.D
Acq: 11 Nov 2022 23:17

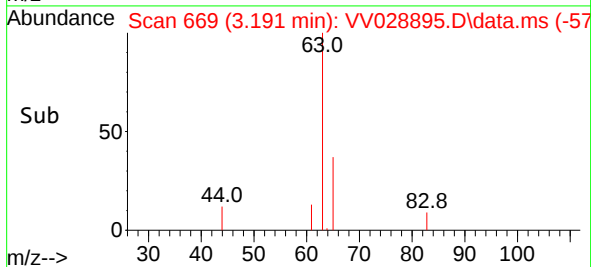
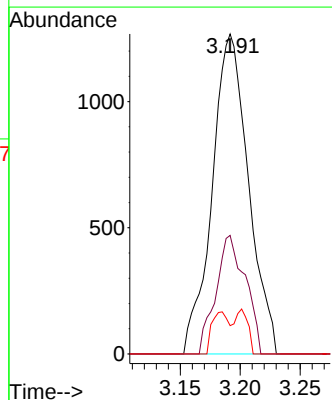
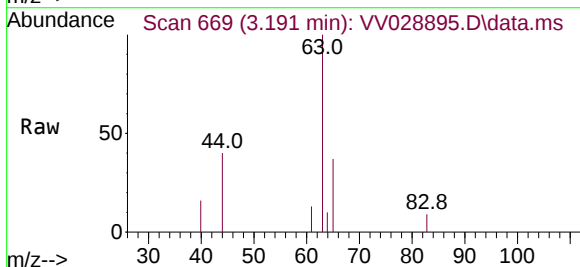
Instrument :
MSVOA_V
ClientSampleId :
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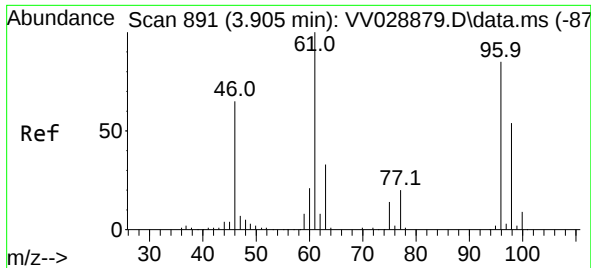
Tgt Ion: 73 Resp: 1883
Ion Ratio Lower Upper
73 100
43 12.9 13.0 19.4#
57 6.7 16.6 24.8#



#19
1,1-Dichloroethane
Concen: 0.078 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV028895.D
Acq: 11 Nov 2022 23:17

Tgt Ion: 63 Resp: 2663
Ion Ratio Lower Upper
63 100
65 37.1 23.0 42.6
83 8.8 9.4 17.6#

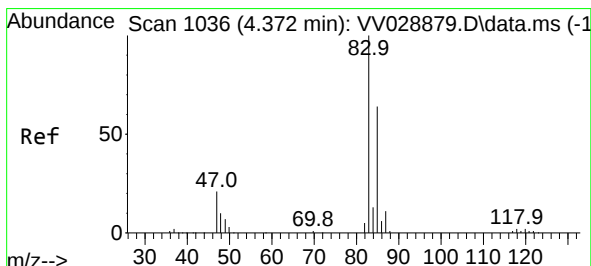
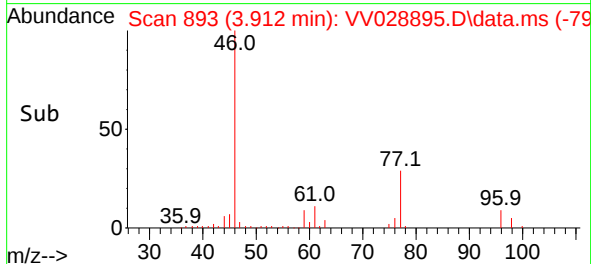
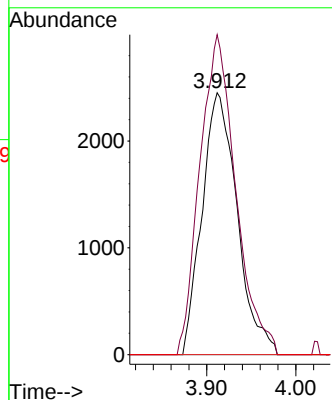
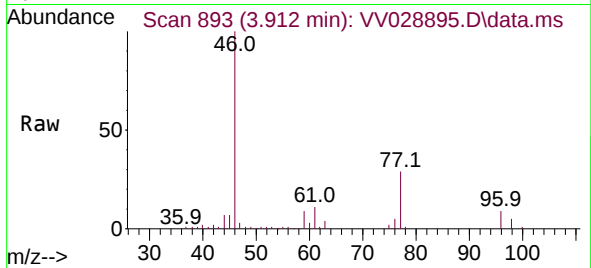




#22
cis-1,2-Dichloroethene
Concen: 0.316 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028895.D
Acq: 11 Nov 2022 23:17

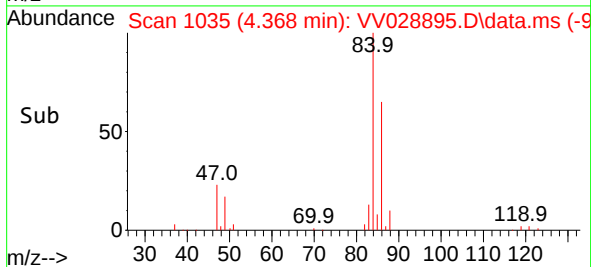
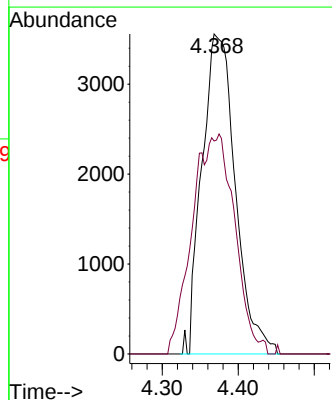
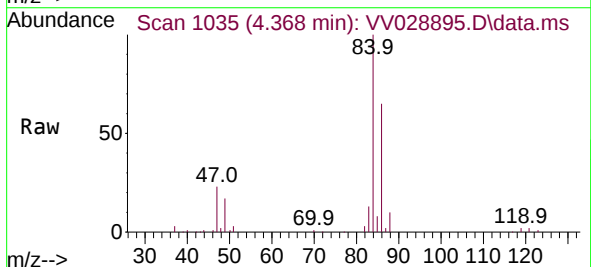
Instrument :
MSVOA_V
ClientSampleId :
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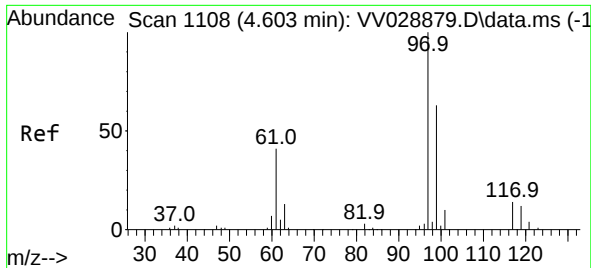
Tgt Ion: 96 Resp: 6719
Ion Ratio Lower Upper
96 100
61 122.2 82.3 152.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.303 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV028895.D
Acq: 11 Nov 2022 23:17

Tgt Ion: 83 Resp: 10855
Ion Ratio Lower Upper
83 100
85 66.5 43.7 81.1

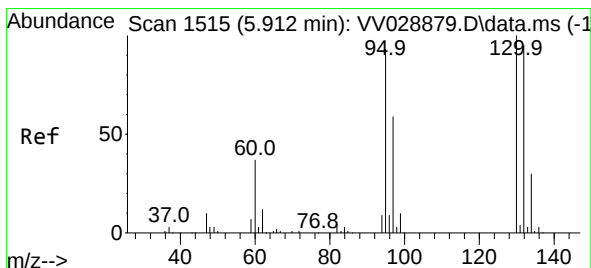
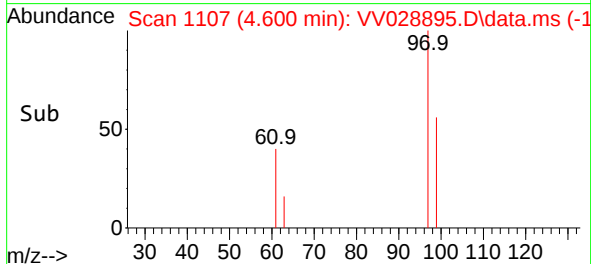
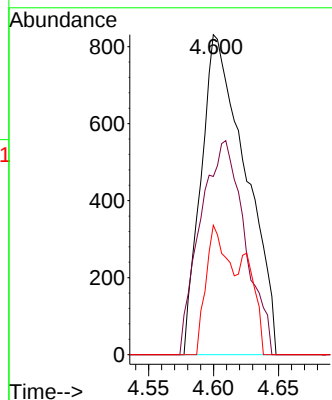
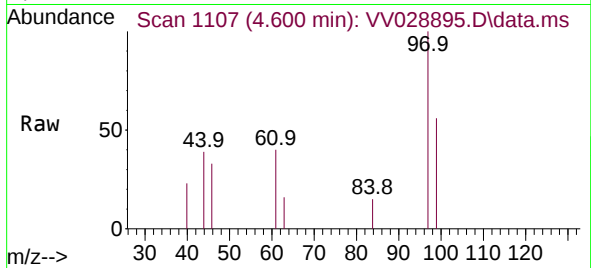




#29
1,1,1-Trichloroethane
Concen: 0.061 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV028895.D
Acq: 11 Nov 2022 23:17

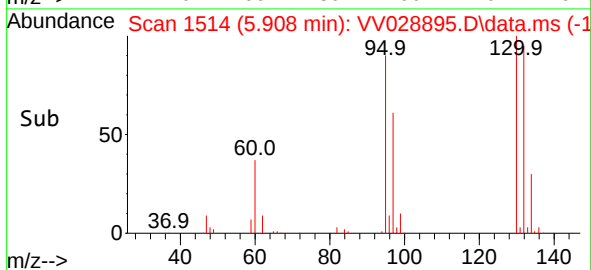
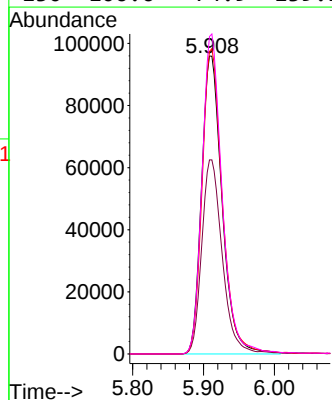
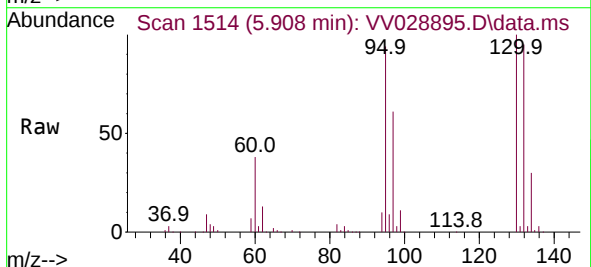
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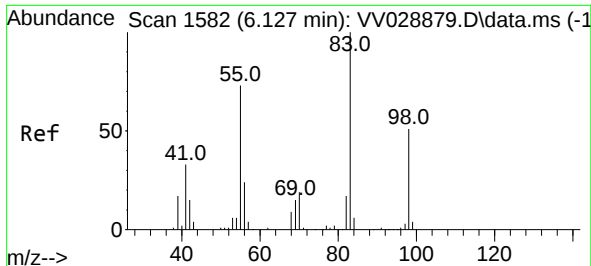
Tgt Ion: 97 Resp: 1979
Ion Ratio Lower Upper
97 100
99 67.0 52.7 79.1
61 21.0 33.8 50.6#



#34
Trichloroethene
Concen: 8.885 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV028895.D
Acq: 11 Nov 2022 23:17

Tgt Ion: 95 Resp: 193383
Ion Ratio Lower Upper
95 100
97 65.2 45.6 84.8
132 101.5 69.1 128.3
130 106.6 74.9 139.1





#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV028895.D

Acq: 11 Nov 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

H0AC2

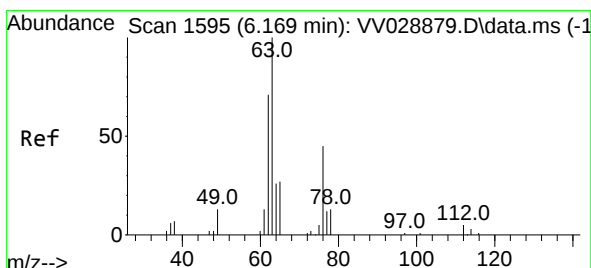
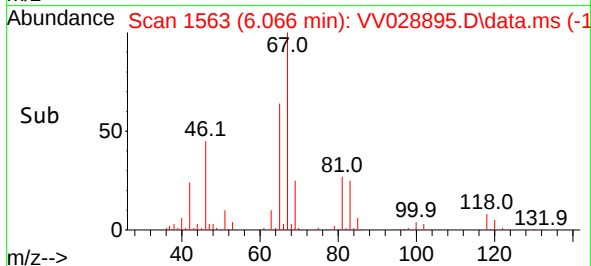
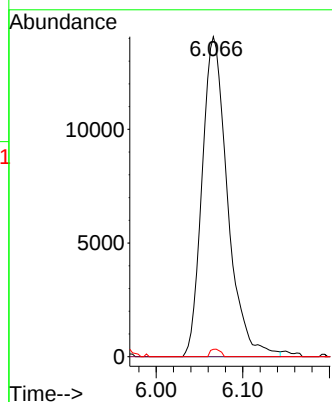
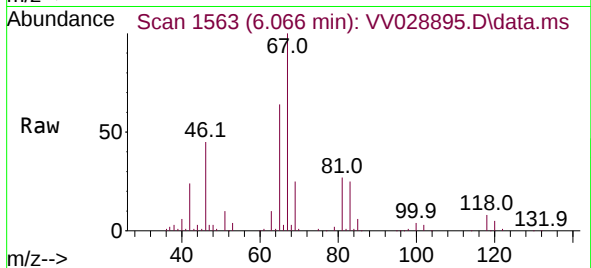
Tgt Ion: 83 Resp: 28784

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.9 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028895.D

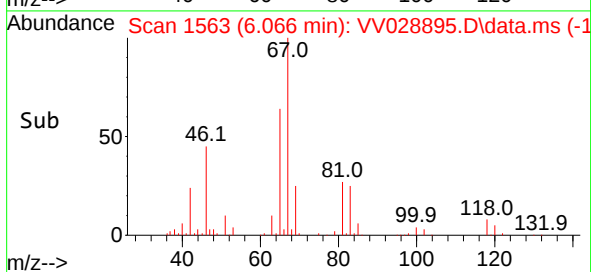
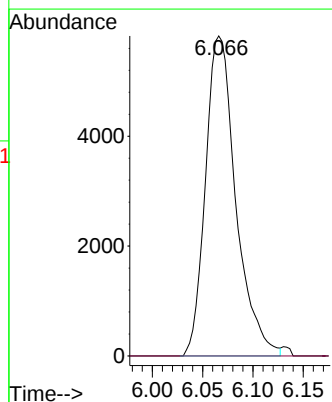
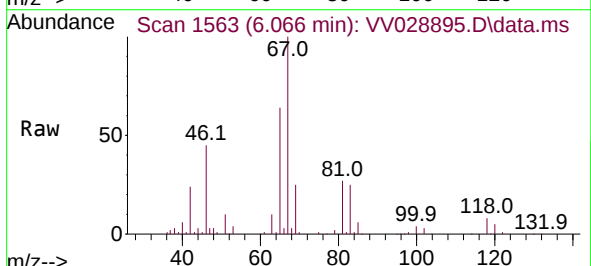
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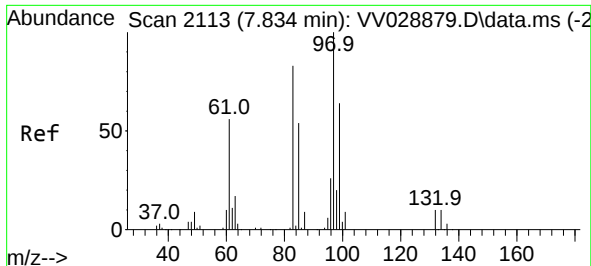
Tgt Ion: 63 Resp: 12245

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#45

1,1,2-Trichloroethane

Concen: 0.338 ug/L

RT: 7.966 min Scan# 2113

Delta R.T. 0.132 min

Lab File: VV028895.D

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Instrument :

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ClientSampleId :

H0AC2

Tgt Ion: 97 Resp: 4336

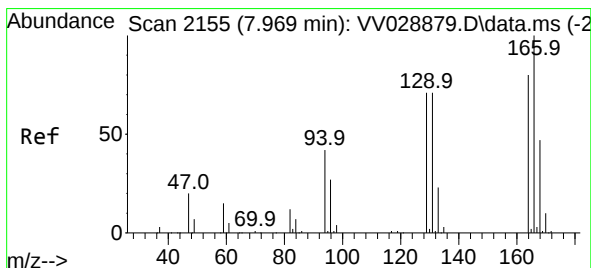
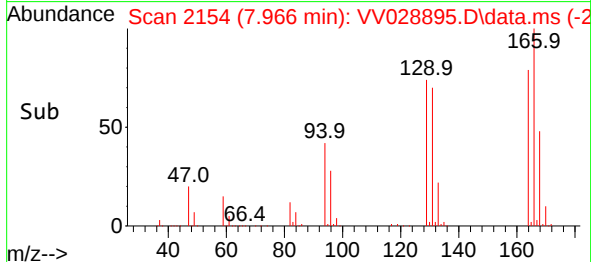
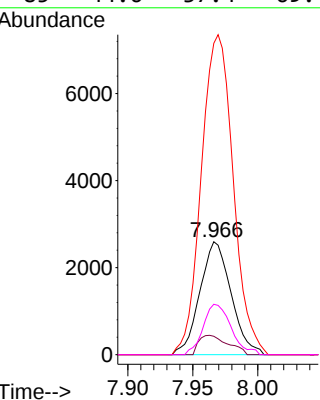
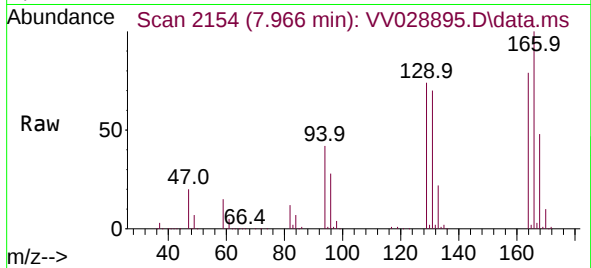
Ion Ratio Lower Upper

97 100

99 16.3 41.5 77.1#

83 275.6 60.0 111.4#

85 44.6 37.4 69.4



#47

Tetrachloroethene

Concen: 32.110 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028895.D

Acq: 11 Nov 2022 23:17

Tgt Ion:164 Resp: 559593

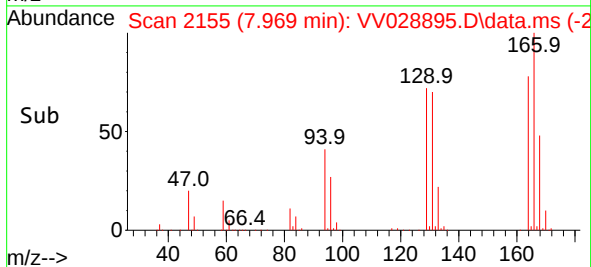
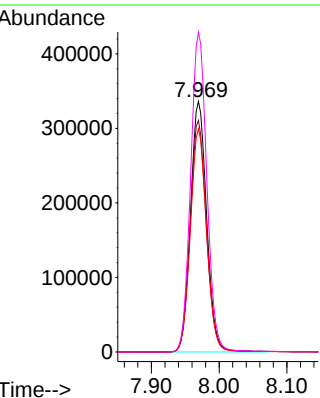
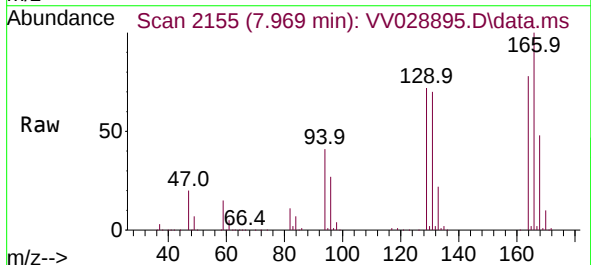
Ion Ratio Lower Upper

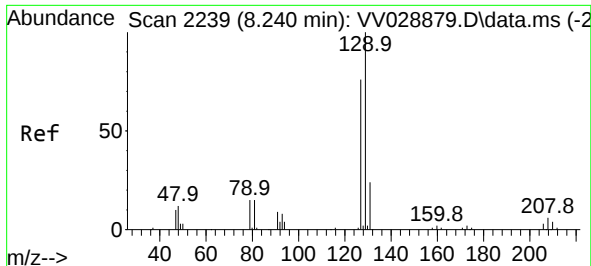
164 100

129 92.4 63.9 118.7

131 89.1 61.8 114.8

166 127.7 90.2 167.4





#49

Dibromochloromethane

Concen: 32.222 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028895.D

Acq: 11 Nov 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

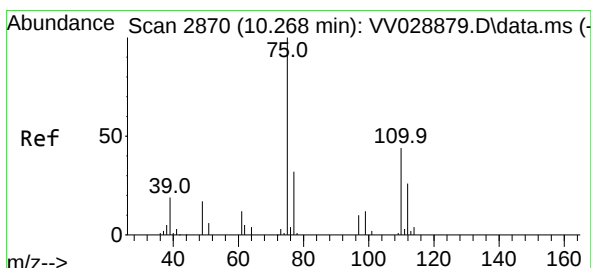
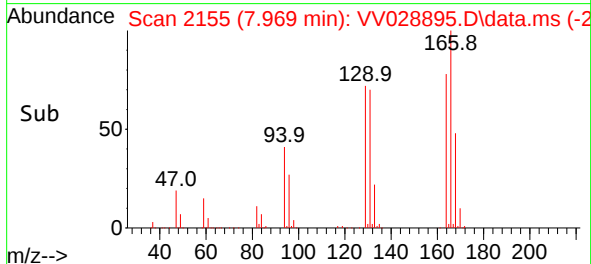
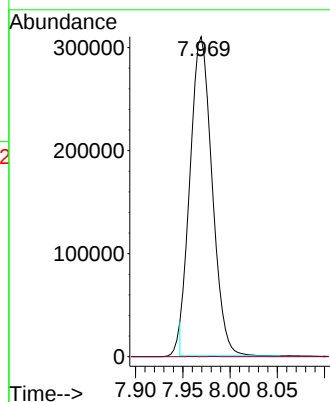
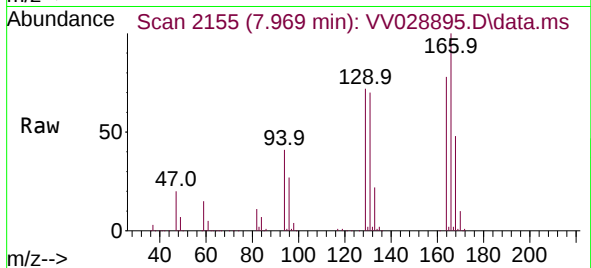
H0AC2

Tgt Ion:129 Resp: 499960

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.651 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV028895.D

Acq: 11 Nov 2022 23:17

Tgt Ion: 75 Resp: 15048

Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.2

110 2.5 32.6 48.8#

