

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028915.D
 Acq On : 12 Nov 2022 07:54
 Operator : SY/MD
 Sample : N5602-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5

Quant Time: Nov 14 00:25:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

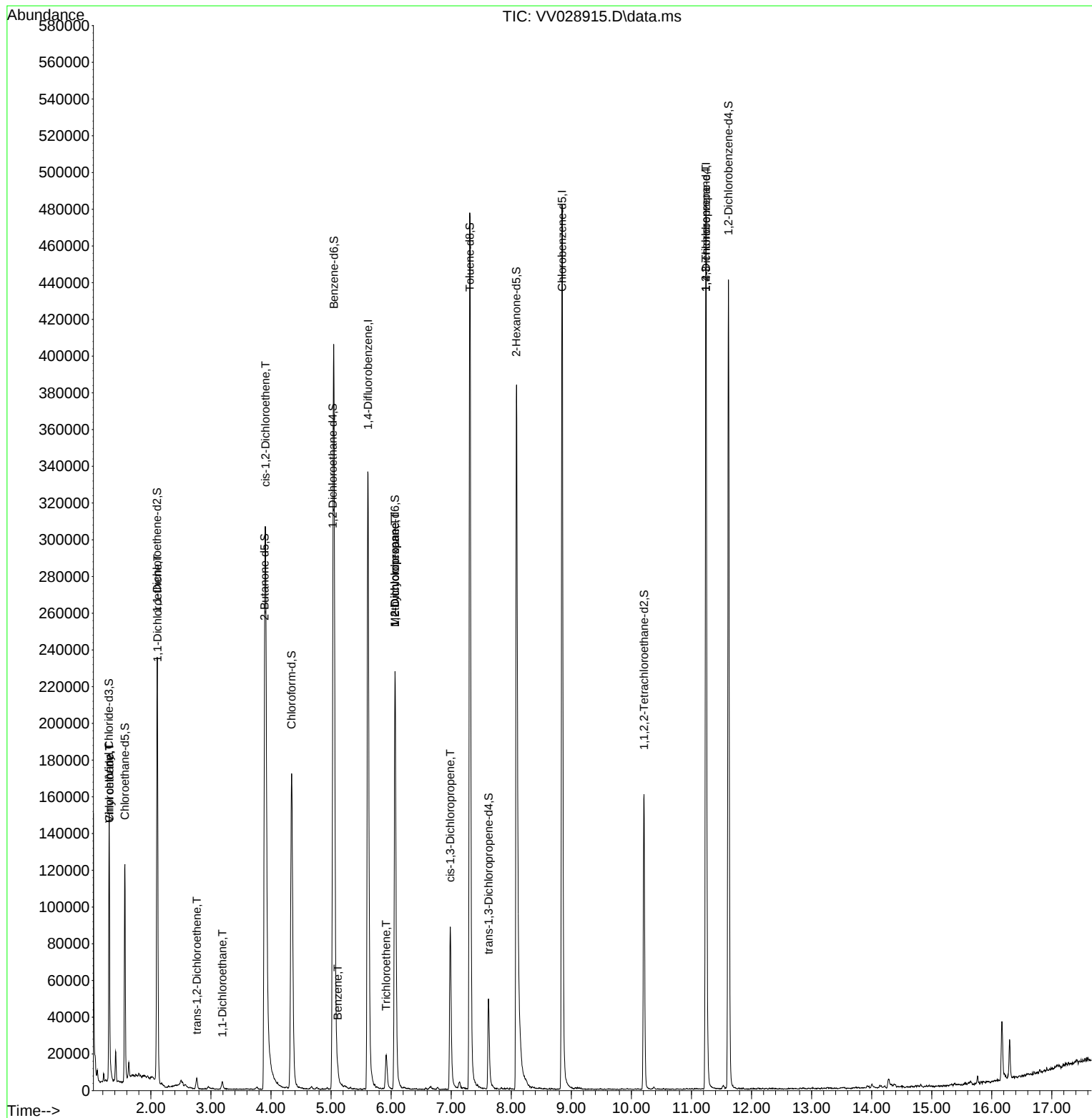
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	317177	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	284327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	137134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84529	4.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.568	69	79637	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.105	63	117991	3.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.892	46	201999	62.406	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.820%
24) Chloroform-d	4.342	84	188224	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.030	65	87607	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.047	84	395804	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.066	67	115833	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.310	98	344801	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.622	79	31426	4.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.085	63	157504	47.740	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80472	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	122870	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	13406	0.536	ug/L	87
8) Chloroethane	1.310	64	4703	0.320	ug/L	95
12) 1,1-Dichloroethene	2.111	96	2508	0.131	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	1462	0.066	ug/L	90
19) 1,1-Dichloroethane	3.191	63	4409	0.121	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	145104	6.409	ug/L	96
33) Benzene	5.111	78	8654	0.100	ug/L	100
34) Trichloroethene	5.918	95	6828	0.307	ug/L	97
35) Methylcyclohexane	6.066	83	29206	0.747	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12439	0.621	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	2408	0.086	ug/L #	70
61) 1,2,3-Trichloropropane	11.239	75	15241	1.626	ug/L #	63

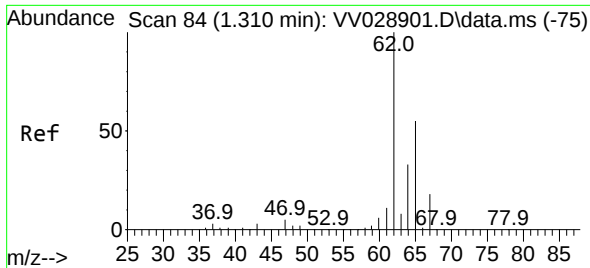
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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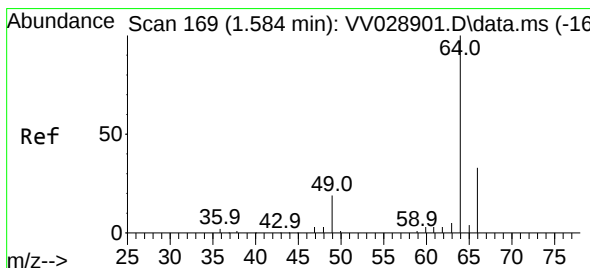
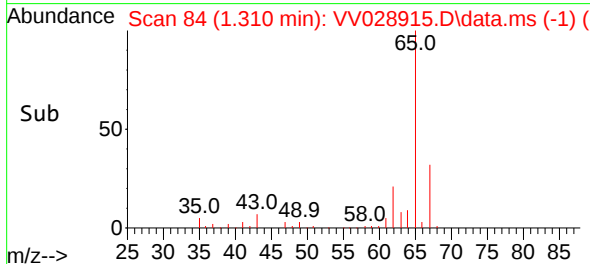
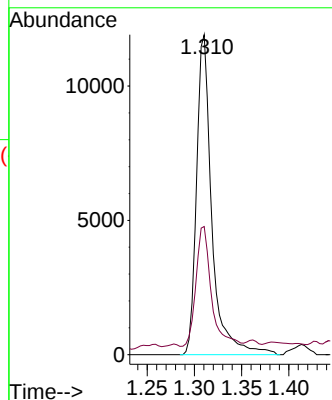
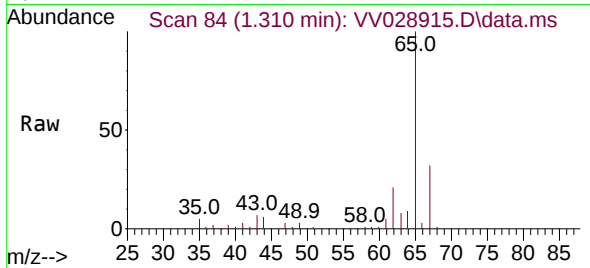




#5
 Vinyl chloride
 Concen: 0.536 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028915.D
 Acq: 12 Nov 2022 07:54

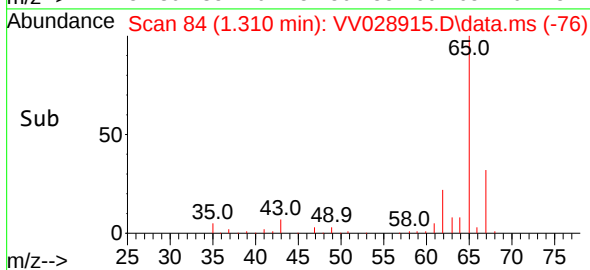
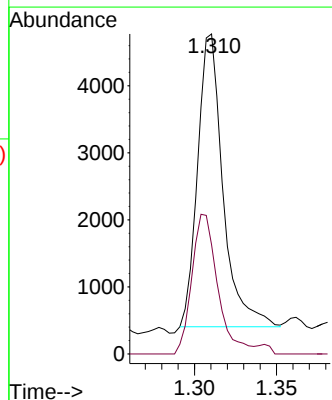
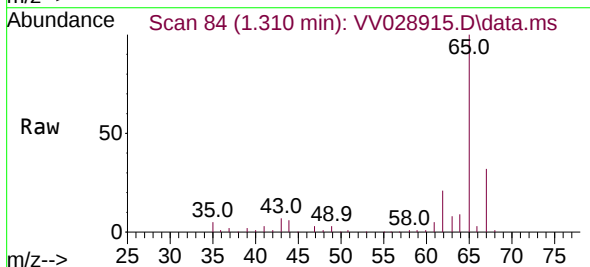
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5

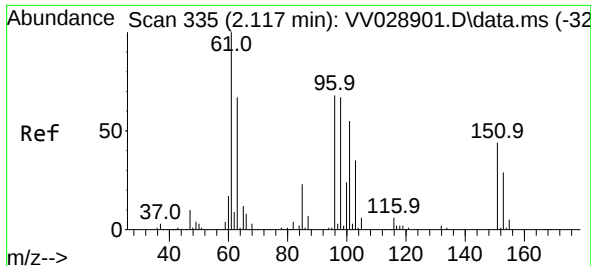
Tgt Ion: 62 Resp: 13406
 Ion Ratio Lower Upper
 62 100
 64 40.1 22.8 42.4



#8
 Chloroethane
 Concen: 0.320 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV028915.D
 Acq: 12 Nov 2022 07:54

Tgt Ion: 64 Resp: 4703
 Ion Ratio Lower Upper
 64 100
 66 34.2 22.0 40.8

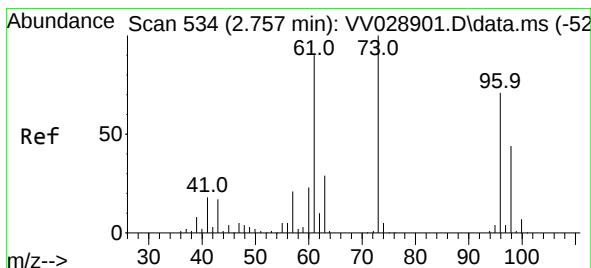
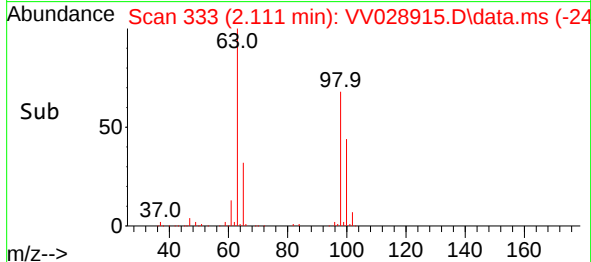
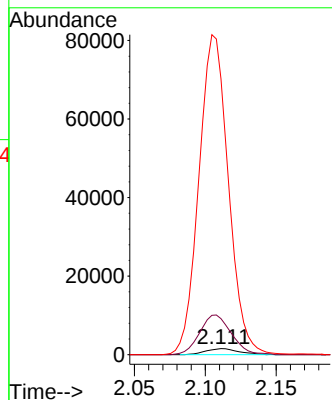
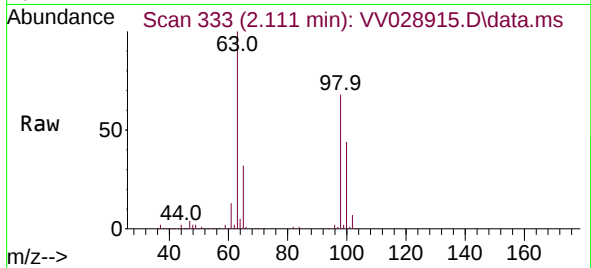




#12
1,1-Dichloroethene
Concen: 0.131 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV028915.D
Acq: 12 Nov 2022 07:54

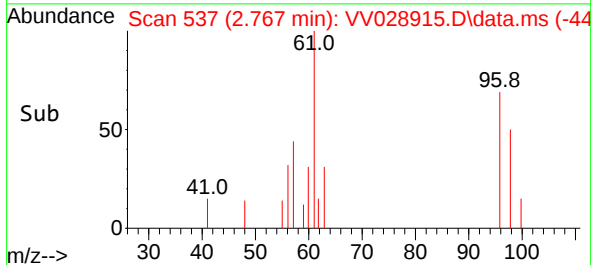
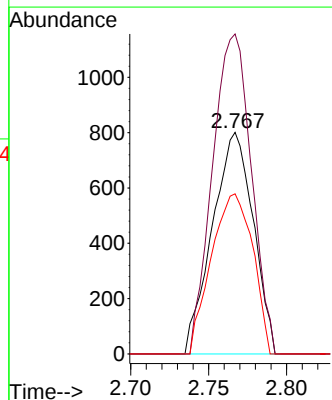
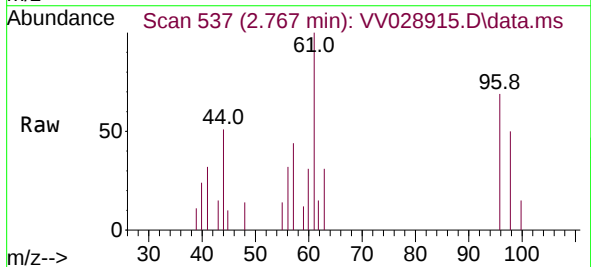
Instrument :
MSVOA_V
ClientSampleId :
C0AG5

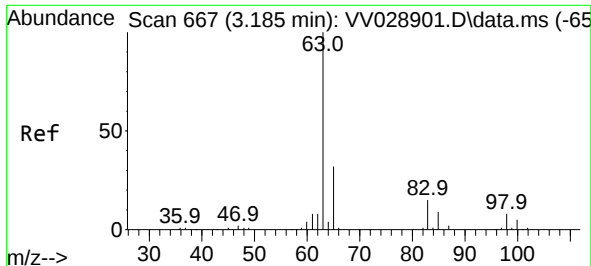
Tgt Ion: 96 Resp: 2508
Ion Ratio Lower Upper
96 100
61 596.8 104.2 193.4#
63 4563.8 75.9 140.9#



#18
trans-1,2-Dichloroethene
Concen: 0.066 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV028915.D
Acq: 12 Nov 2022 07:54

Tgt Ion: 96 Resp: 1462
Ion Ratio Lower Upper
96 100
61 144.4 91.8 170.6
98 72.3 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.121 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV028915.D

Acq: 12 Nov 2022 07:54

Instrument :

MSVOA_V

ClientSampleId :

C0AG5

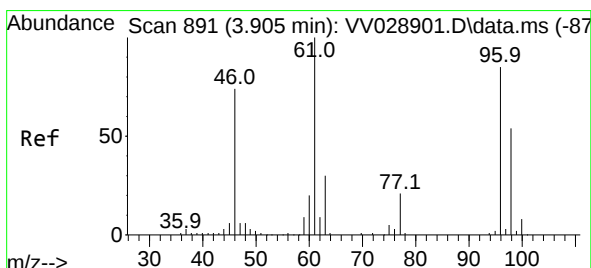
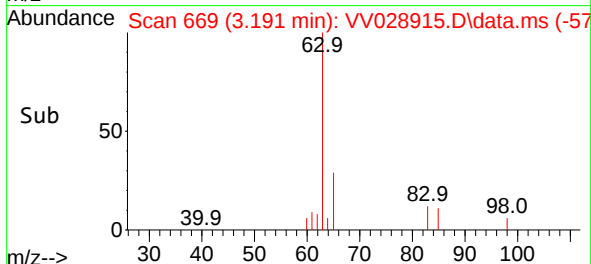
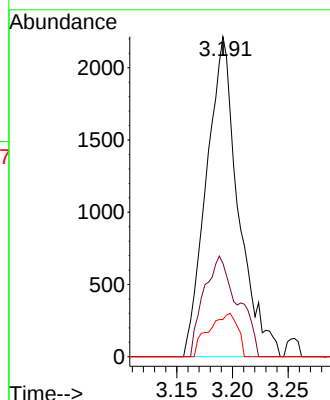
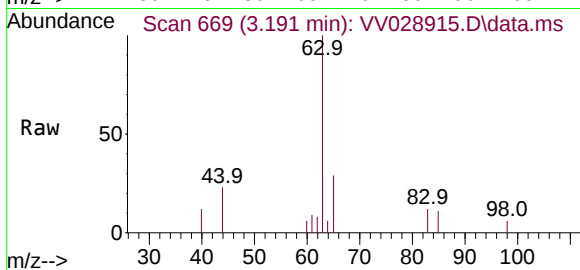
Tgt Ion: 63 Resp: 4409

Ion Ratio Lower Upper

63 100

65 29.2 23.0 42.6

83 11.6 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 6.409 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV028915.D

Acq: 12 Nov 2022 07:54

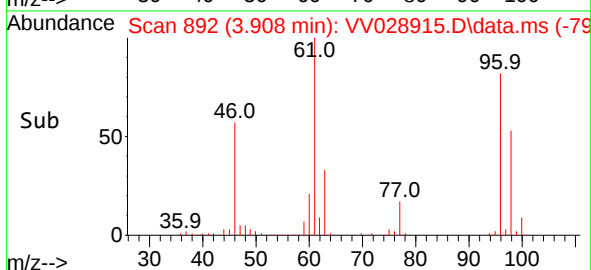
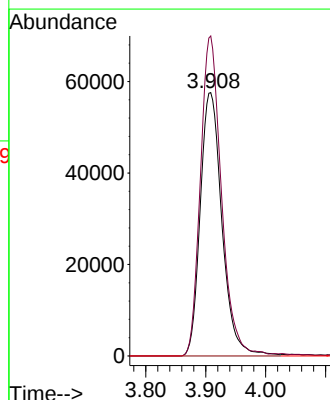
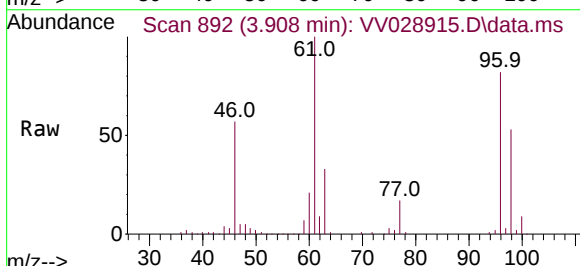
Tgt Ion: 96 Resp: 145104

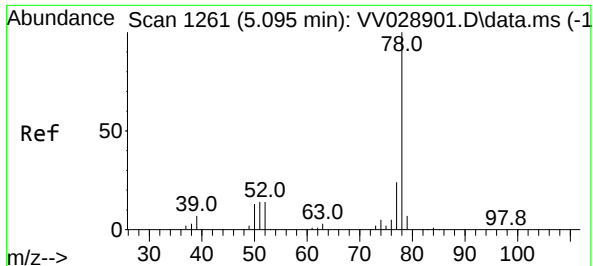
Ion Ratio Lower Upper

96 100

61 121.5 82.3 152.9

68 0.0 0.0 0.0

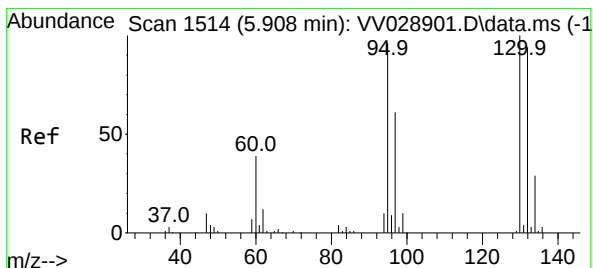
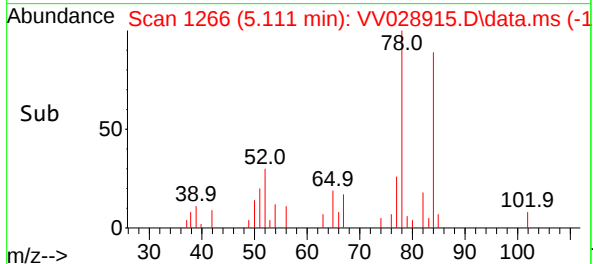
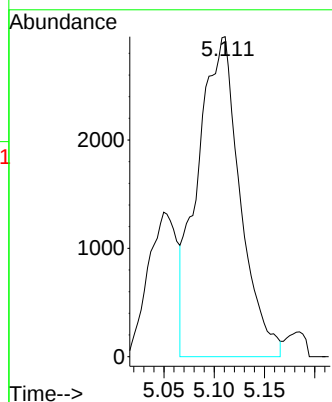
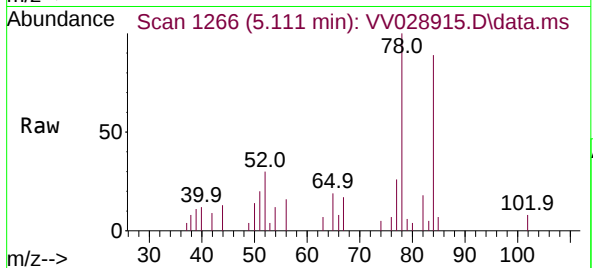




#33
Benzene
Concen: 0.100 ug/L
RT: 5.111 min Scan# 1517
Delta R.T. 0.016 min
Lab File: VV028915.D
Acq: 12 Nov 2022 07:54

Instrument :
MSVOA_V
ClientSampleId :
C0AG5

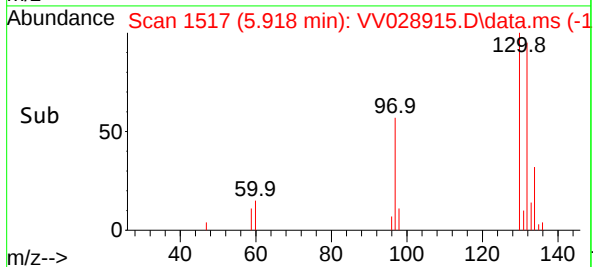
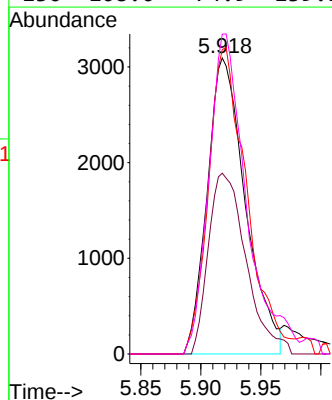
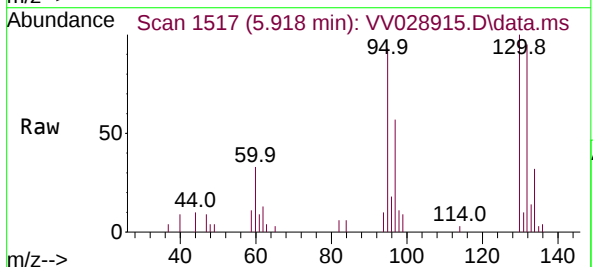
Tgt Ion: 78 Resp: 8654

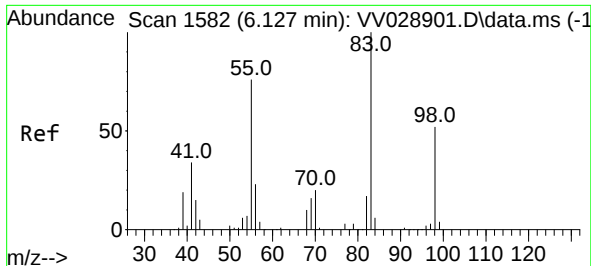


#34
Trichloroethene
Concen: 0.307 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV028915.D
Acq: 12 Nov 2022 07:54

Tgt Ion: 95 Resp: 6828

Ion	Ratio	Lower	Upper
95	100		
97	61.1	45.6	84.8
132	102.8	69.1	128.3
130	108.0	74.9	139.1

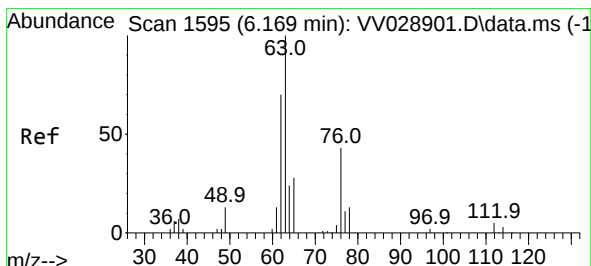
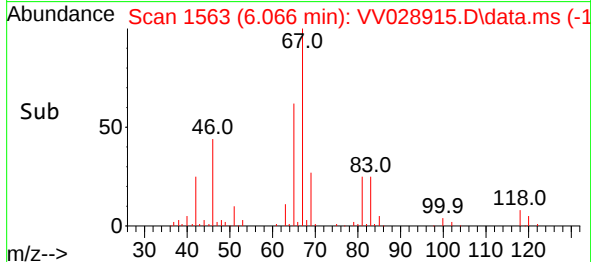
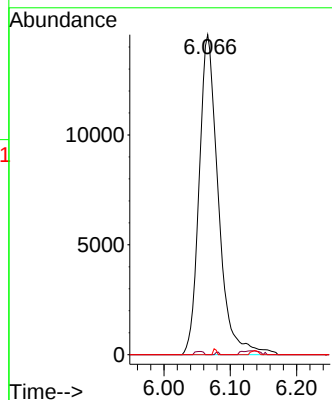
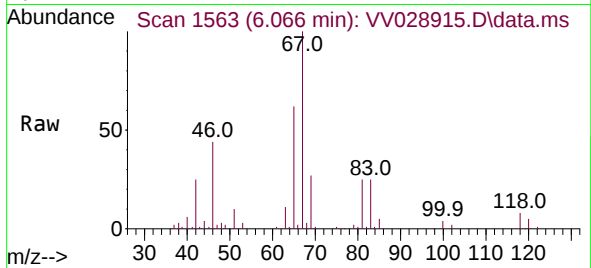




#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV028915.D
Acq: 12 Nov 2022 07:54

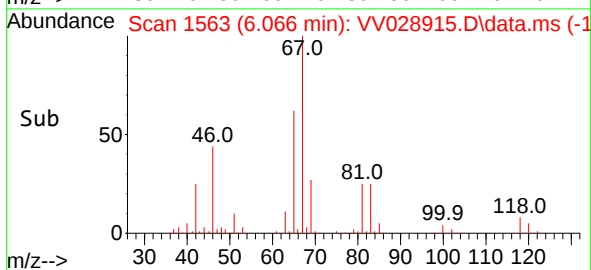
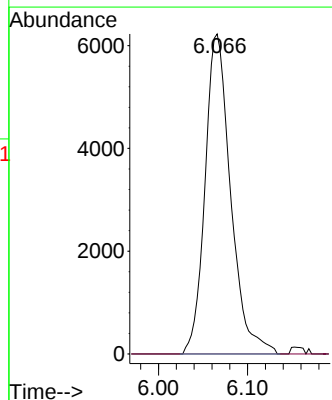
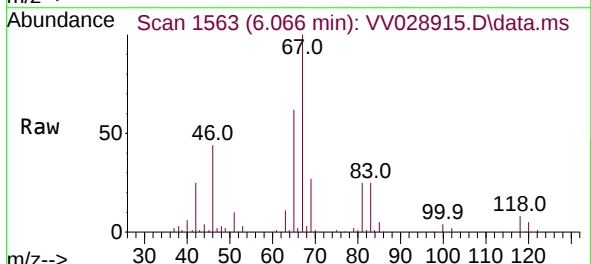
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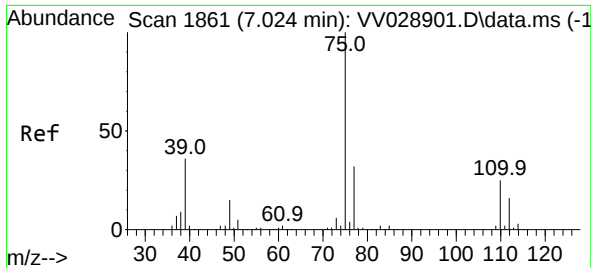
Tgt Ion: 83 Resp: 29206
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 0.3 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028915.D
Acq: 12 Nov 2022 07:54

Tgt Ion: 63 Resp: 12439
Ion Ratio Lower Upper
63 100
112 0.4 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028915.D

Acq: 12 Nov 2022 07:54

Instrument :

MSVOA_V

ClientSampleId :

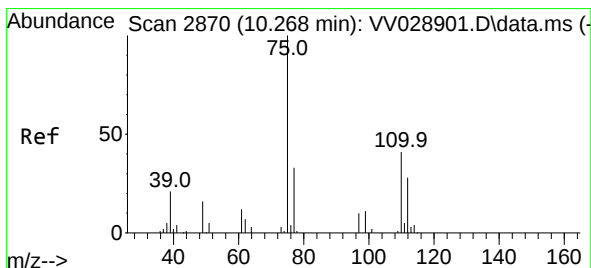
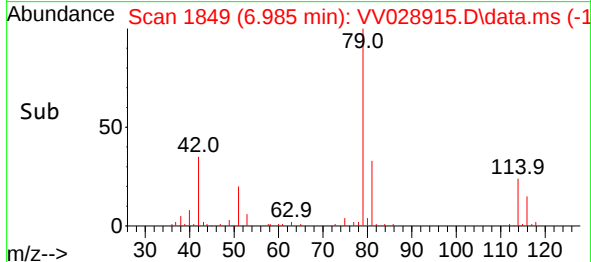
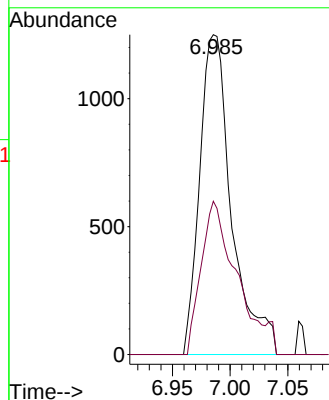
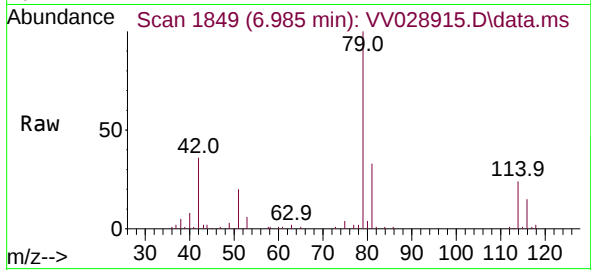
C0AG5

Tgt Ion: 75 Resp: 2408

Ion Ratio Lower Upper

75 100

77 47.9 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.626 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV028915.D

Acq: 12 Nov 2022 07:54

Tgt Ion: 75 Resp: 15241

Ion Ratio Lower Upper

75 100

77 29.3 26.2 39.2

110 2.1 32.6 48.8#

