

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028885.D
 Acq On : 11 Nov 2022 19:11
 Operator : SY/MD
 Sample : N5602-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF7

Quant Time: Nov 11 22:38:47 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)

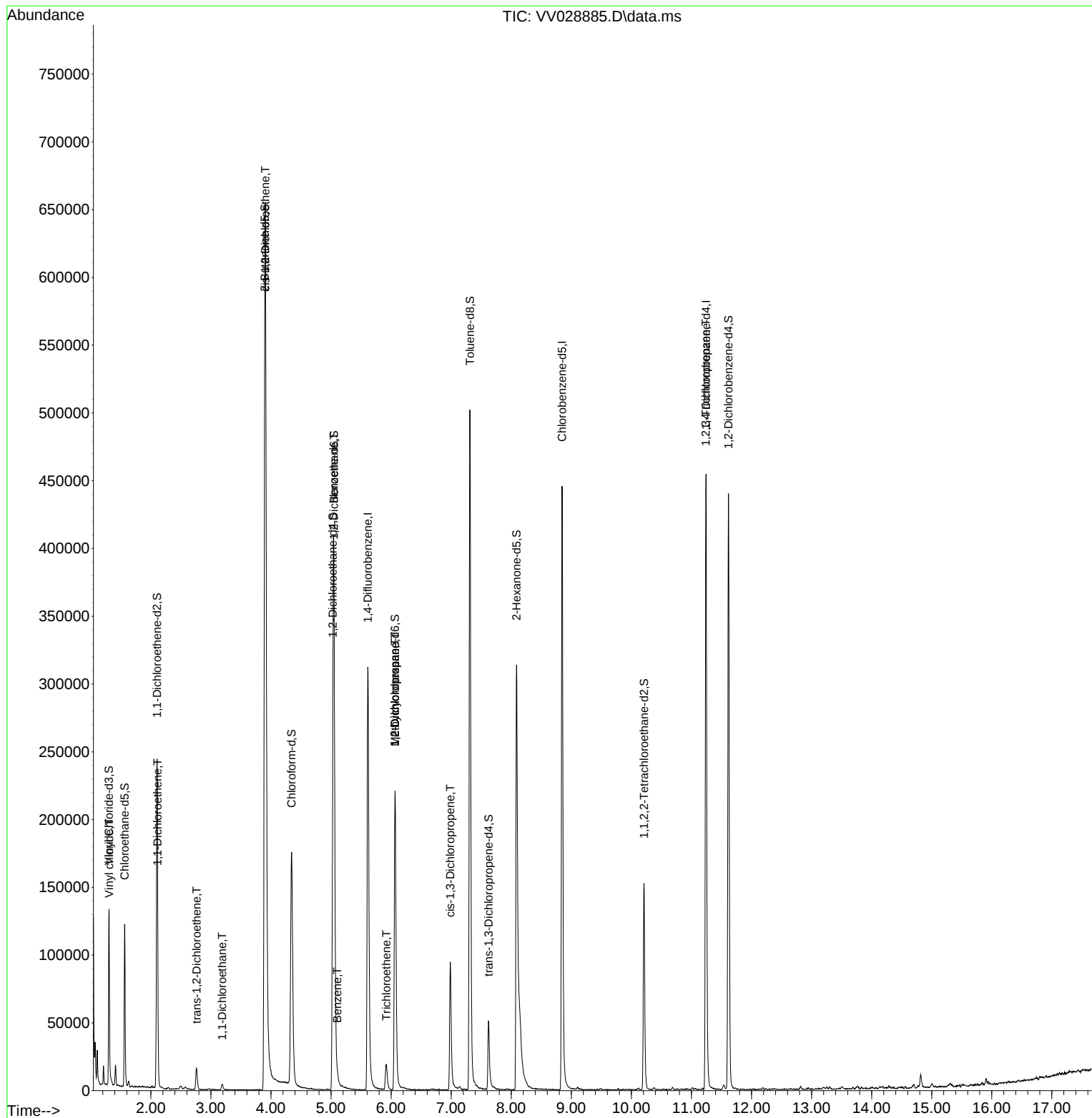
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	293089	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	272561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	127506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84258	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.564	69	78327	4.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.101	63	121789	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.899	46	112404	37.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.160%
24) Chloroform-d	4.342	84	190519	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.030	65	85056	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.047	84	402196	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.066	67	113706	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.313	98	357899	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.622	79	34302	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	154547	48.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.740%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	78486	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	123951	5.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	3747	0.162	ug/L #	55
12) 1,1-Dichloroethene	2.114	96	5692	0.321	ug/L #	1
18) trans-1,2-Dichloroethene	2.760	96	6765	0.329	ug/L	82
19) 1,1-Dichloroethane	3.188	63	4430	0.132	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	366183	17.504	ug/L	99
27) 1,2-Dichloroethane	5.050	62	1887	0.104	ug/L #	70
33) Benzene	5.101	78	5919	0.071	ug/L	100
34) Trichloroethene	5.921	95	7189	0.337	ug/L	95
35) Methylcyclohexane	6.066	83	28680	0.765	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	13130	0.684	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2532	0.094	ug/L #	75
61) 1,2,3-Trichloropropane	11.239	75	13624	1.564	ug/L #	65

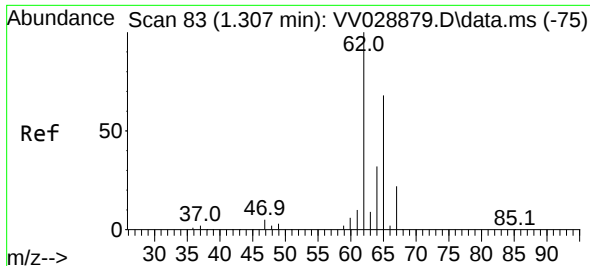
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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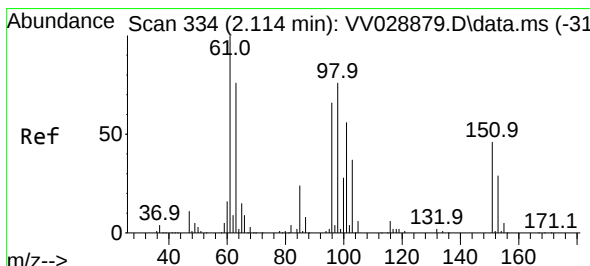
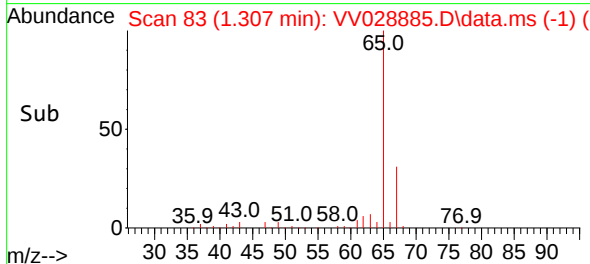
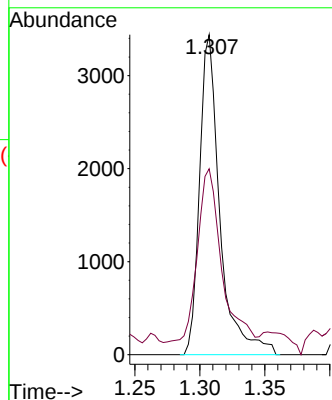
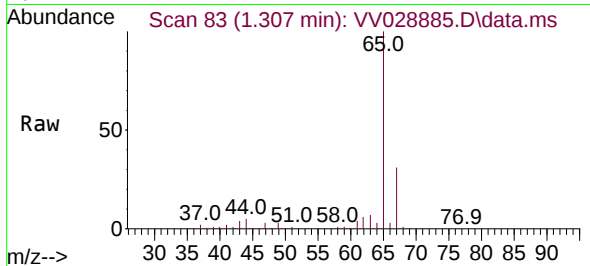




#5
 Vinyl chloride
 Concen: 0.162 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028885.D
 Acq: 11 Nov 2022 19:11

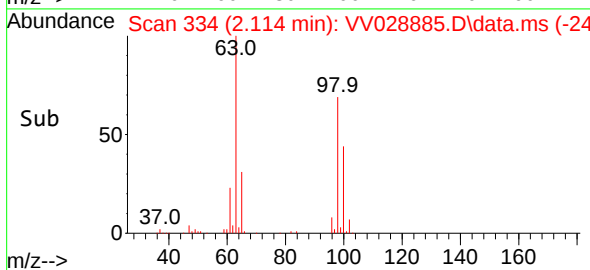
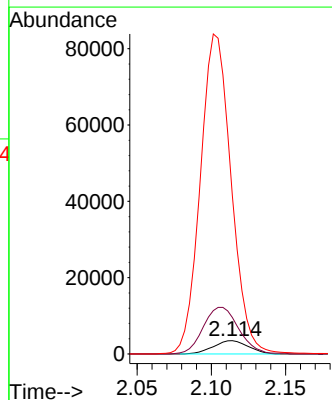
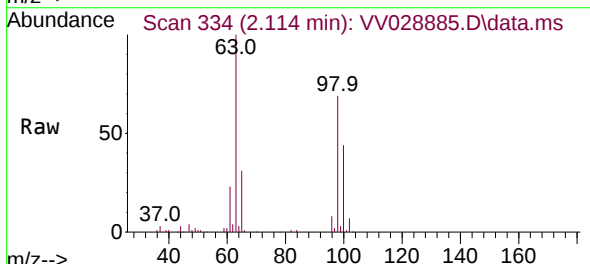
Instrument :
 MSVOA_V
 ClientSampleId :
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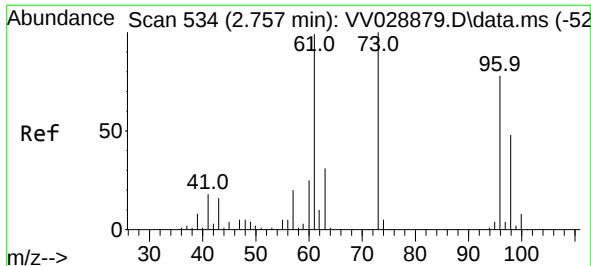
Tgt Ion: 62 Resp: 3747
 Ion Ratio Lower Upper
 62 100
 64 58.1 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 0.321 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV028885.D
 Acq: 11 Nov 2022 19:11

Tgt Ion: 96 Resp: 5692
 Ion Ratio Lower Upper
 96 100
 61 273.6 104.2 193.4#
 63 1187.1 75.9 140.9#

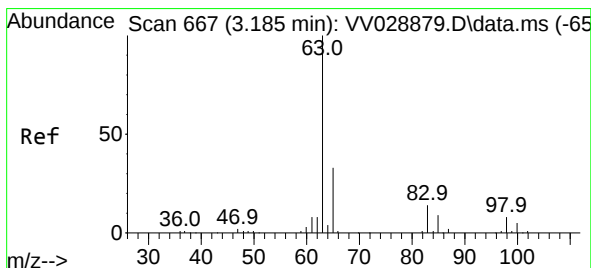
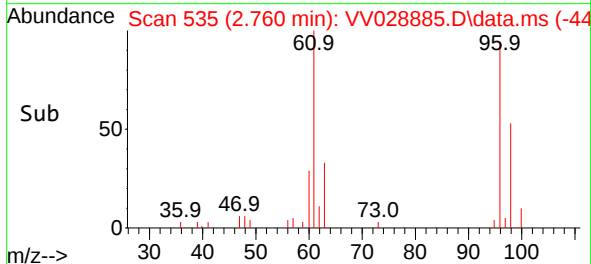
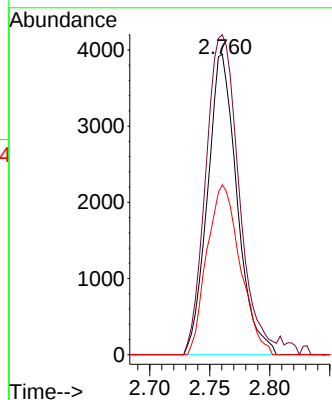
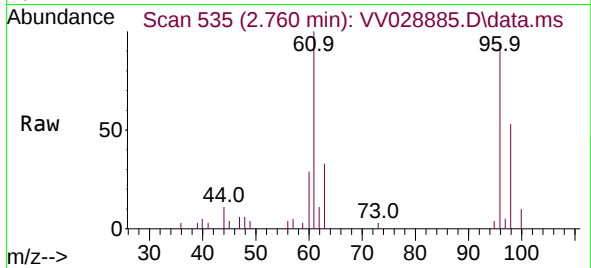




#18
trans-1,2-Dichloroethene
Concen: 0.329 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028885.D
Acq: 11 Nov 2022 19:11

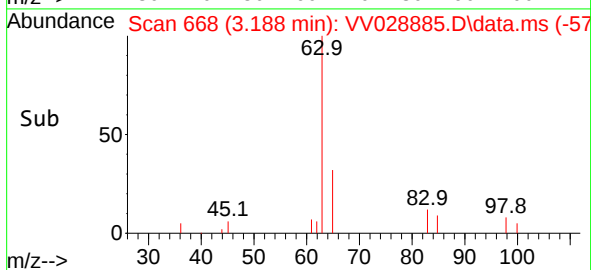
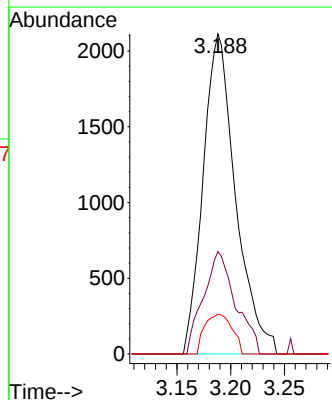
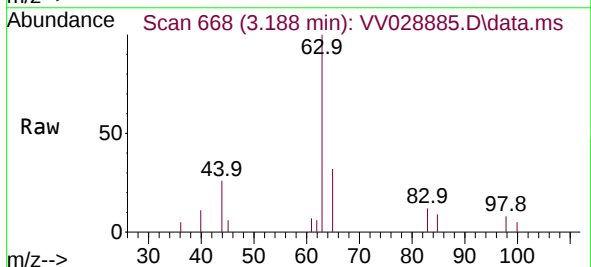
Instrument :
MSVOA_V
ClientSampleId :
C0AF7

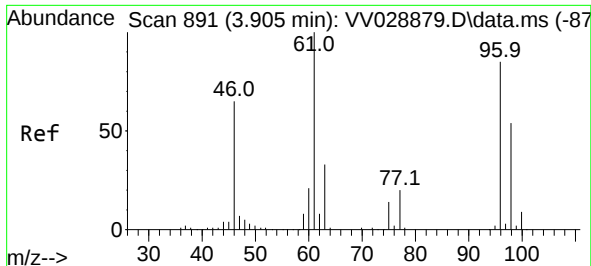
Tgt Ion: 96 Resp: 6765
Ion Ratio Lower Upper
96 100
61 106.5 91.8 170.6
98 56.5 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.132 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV028885.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 63 Resp: 4430
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 12.4 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 17.504 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV028885.D

Acq: 11 Nov 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

C0AF7

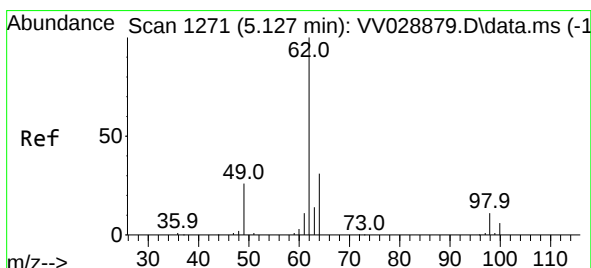
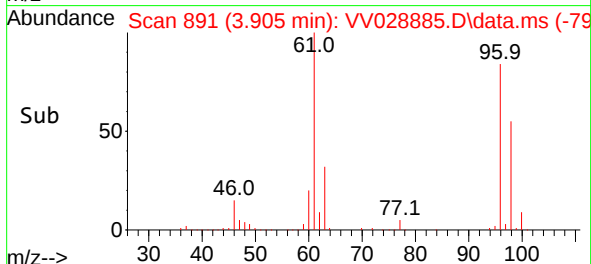
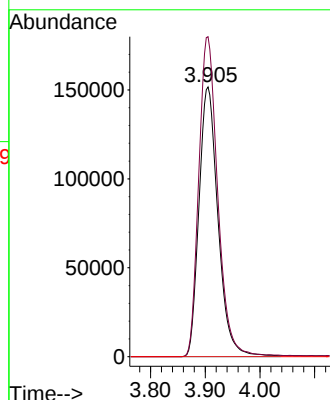
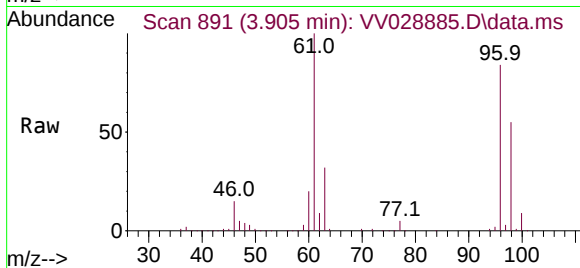
Tgt Ion: 96 Resp: 366183

Ion Ratio Lower Upper

96 100

61 118.6 82.3 152.9

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV028885.D

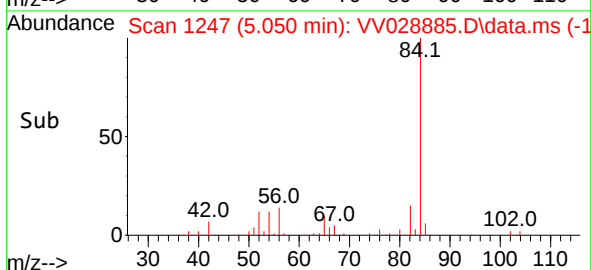
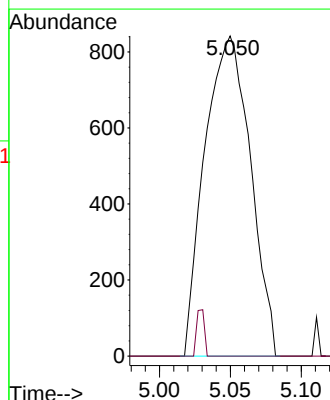
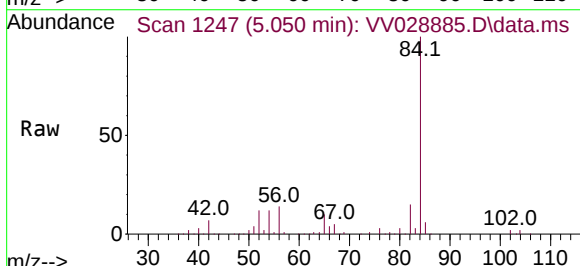
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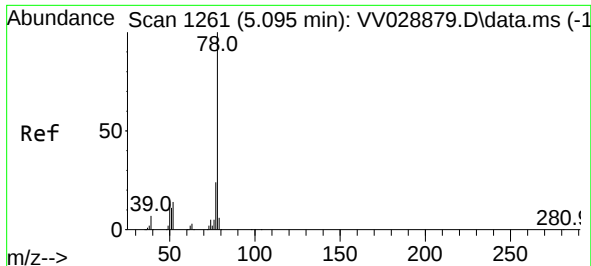
Tgt Ion: 62 Resp: 1887

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#

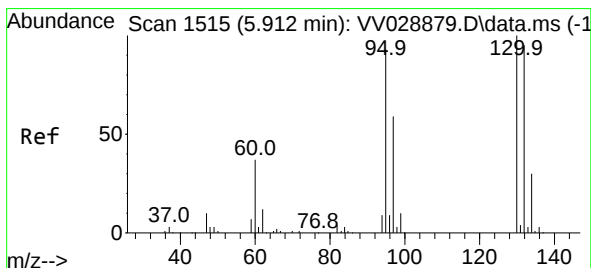
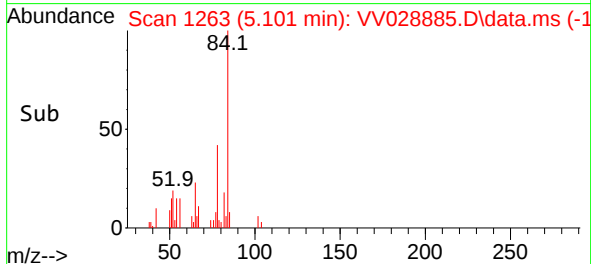
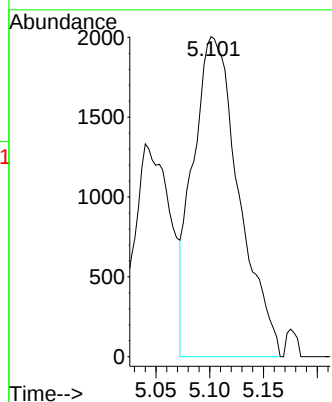
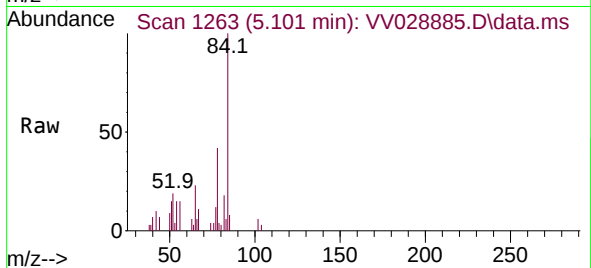




#33
Benzene
Concen: 0.071 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028885.D
Acq: 11 Nov 2022 19:11

Instrument :
MSVOA_V
ClientSampleId :
C0AF7

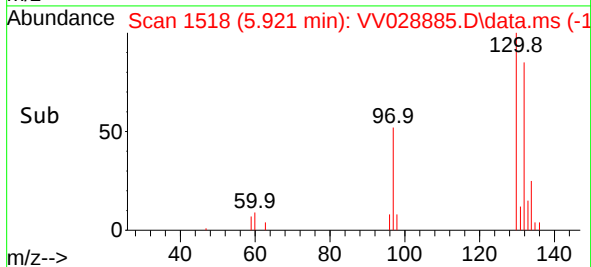
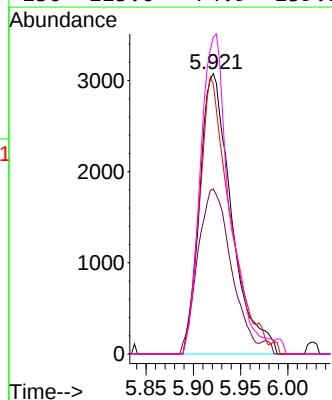
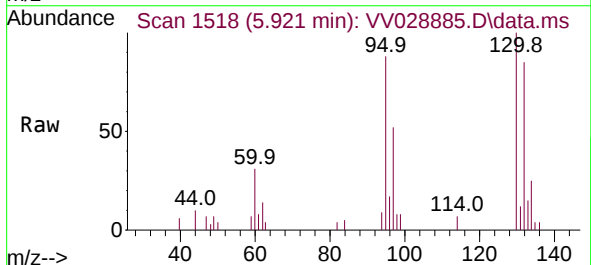
Tgt Ion: 78 Resp: 5919

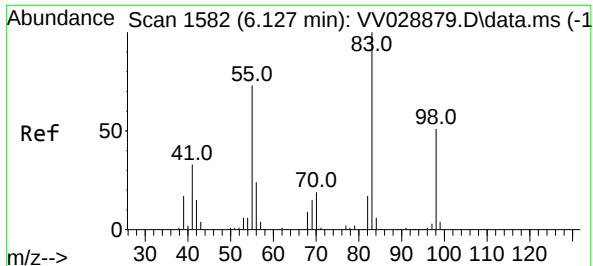


#34
Trichloroethene
Concen: 0.337 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.009 min
Lab File: VV028885.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 95 Resp: 7189

Ion	Ratio	Lower	Upper
95	100		
97	58.8	45.6	84.8
132	96.2	69.1	128.3
130	113.0	74.9	139.1





#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV028885.D

Acq: 11 Nov 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

C0AF7

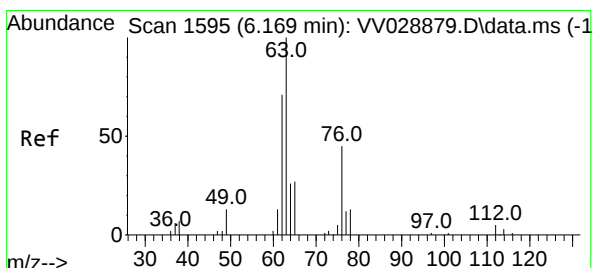
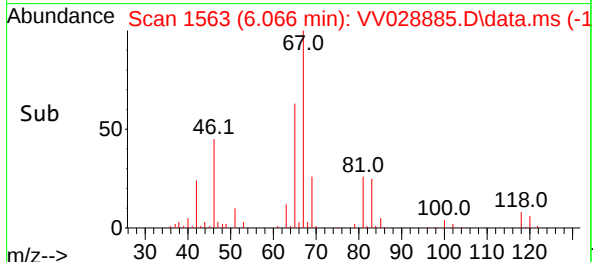
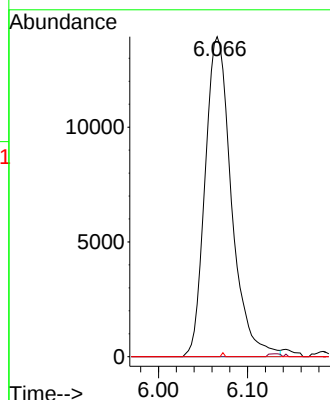
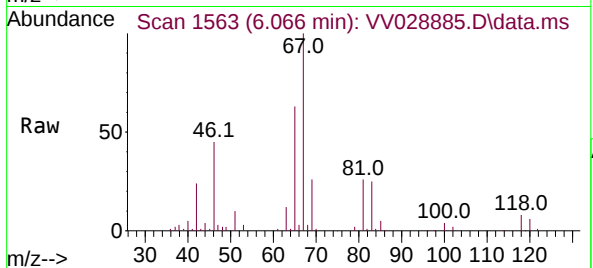
Tgt Ion: 83 Resp: 28680

Ion Ratio Lower Upper

83 100

55 0.5 55.8 83.6#

98 0.1 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.684 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028885.D

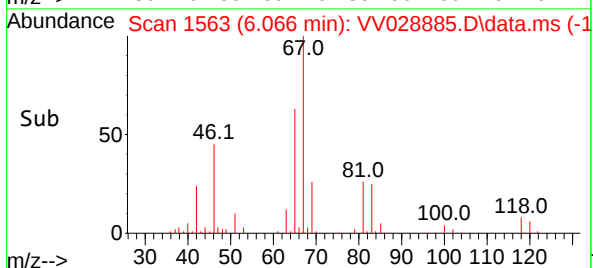
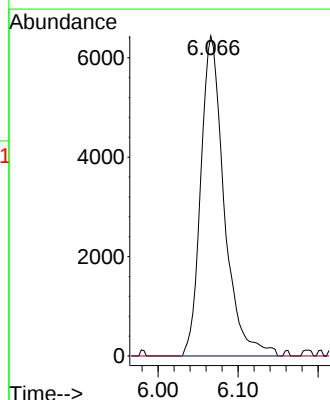
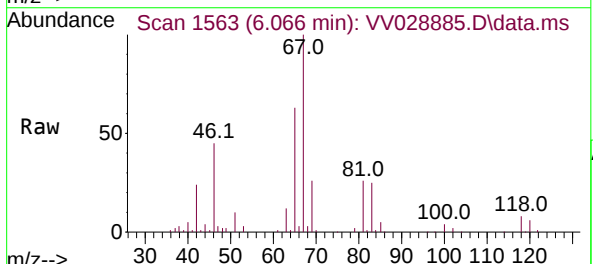
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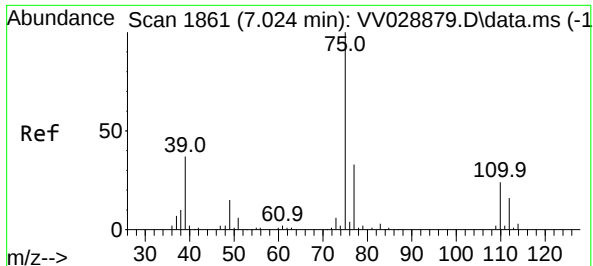
Tgt Ion: 63 Resp: 13130

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028885.D

Acq: 11 Nov 2022 19:11

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MSVOA_V

ClientSampleId :

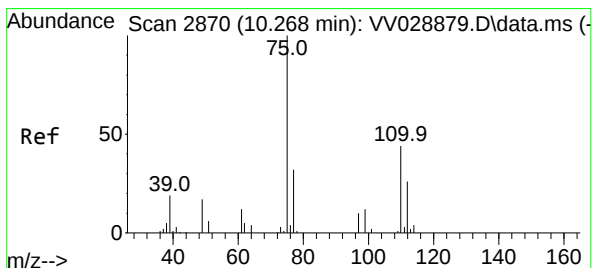
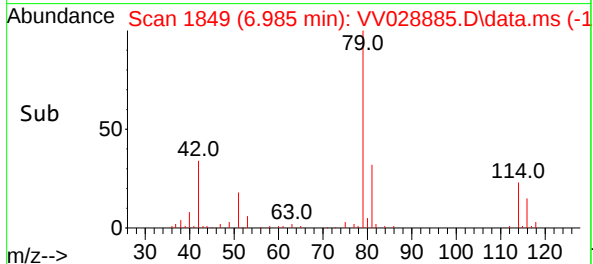
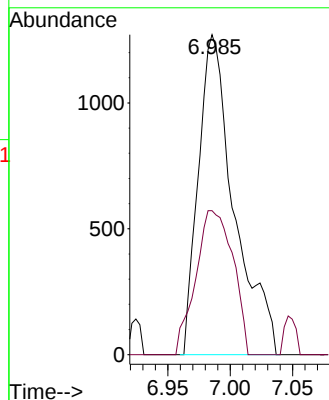
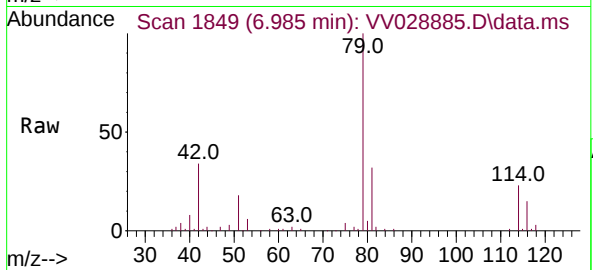
C0AF7

Tgt Ion: 75 Resp: 2532

Ion Ratio Lower Upper

75 100

77 45.0 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.564 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV028885.D

Acq: 11 Nov 2022 19:11

Tgt Ion: 75 Resp: 13624

Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.2

110 3.1 32.6 48.8#

