

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029038.D
 Acq On : 17 Nov 2022 00:11
 Operator : SY/MD
 Sample : N5604-05DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46B9DL

Quant Time: Nov 17 05:35:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

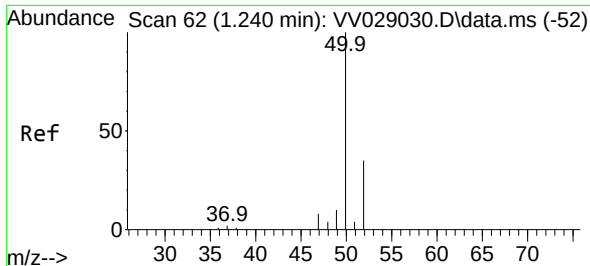
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	246970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	229054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	103593	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77556	5.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.568	69	58705	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.105	63	100957	3.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.889	46	151470	60.098	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.200%
24) Chloroform-d	4.343	84	159319	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.027	65	74710	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.047	84	343506	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.066	67	96586	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.310	98	315187	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	7.622	79	28962	4.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.088	63	130804	49.215	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70921	5.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	114510	6.178	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.600%#

Target Compounds				Qvalue		
3) Chloromethane	1.240	50	1065	0.062	ug/L	94
5) Vinyl chloride	1.311	62	86535	4.440	ug/L	89
6) Bromomethane	1.523	94	724	0.062	ug/L #	70
8) Chloroethane	1.407	64	325873	28.454	ug/L #	52
12) 1,1-Dichloroethene	2.111	96	1754	0.117	ug/L #	1
14) Carbon disulfide	2.294	76	4539	0.085	ug/L #	84
16) Methylene chloride	2.507	84	39129	2.024	ug/L	93
18) trans-1,2-Dichloroethene	2.761	96	24841	1.433	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	149152	8.461	ug/L	94
33) Benzene	5.105	78	4454	0.064	ug/L	100
34) Trichloroethene	5.921	95	4093	0.228	ug/L	92
35) Methylcyclohexane	6.066	83	24144	0.767	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10127	0.627	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2202	0.098	ug/L #	73
61) 1,2,3-Trichloropropane	11.243	75	10423	1.472	ug/L #	64

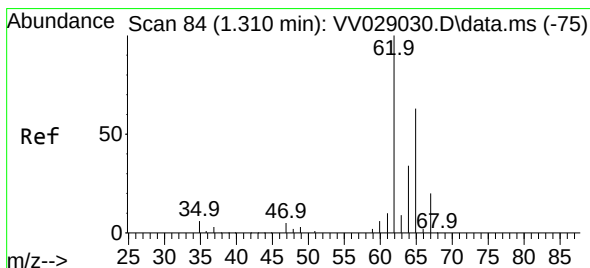
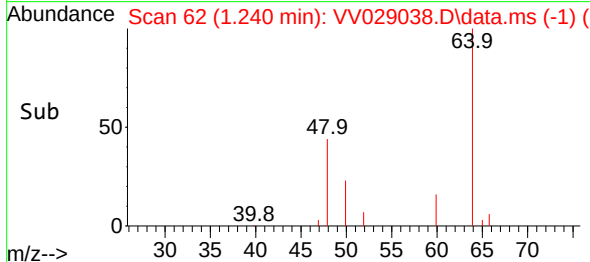
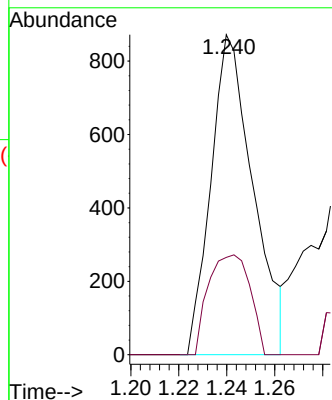
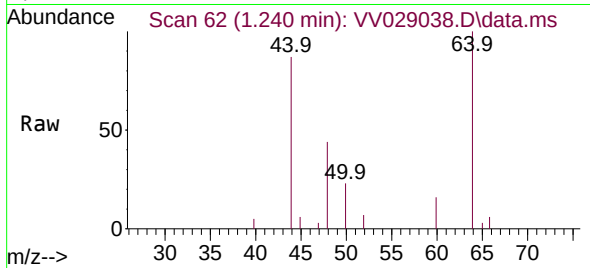
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029038.D
Acq: 17 Nov 2022 00:11

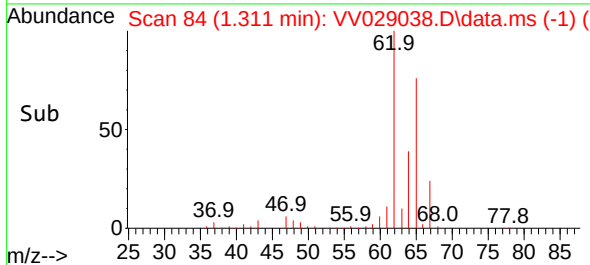
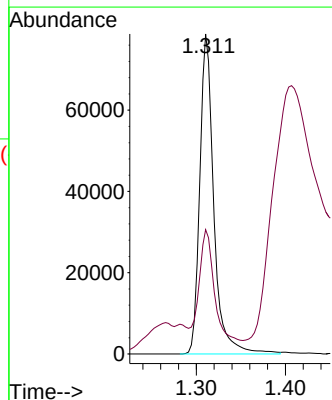
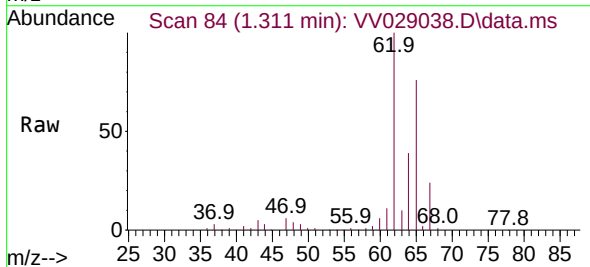
Instrument :
MSVOA_V
ClientSampleId :
H46B9DL

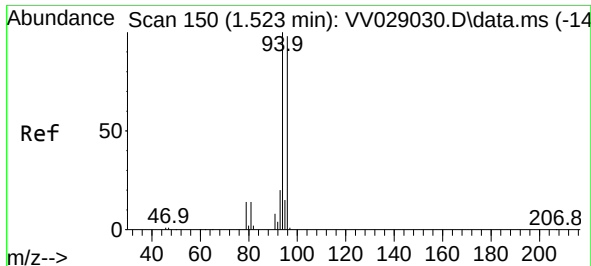
Tgt Ion: 50 Resp: 1065
Ion Ratio Lower Upper
50 100
52 30.4 23.7 43.9



#5
Vinyl chloride
Concen: 4.440 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029038.D
Acq: 17 Nov 2022 00:11

Tgt Ion: 62 Resp: 86535
Ion Ratio Lower Upper
62 100
64 38.9 22.8 42.4

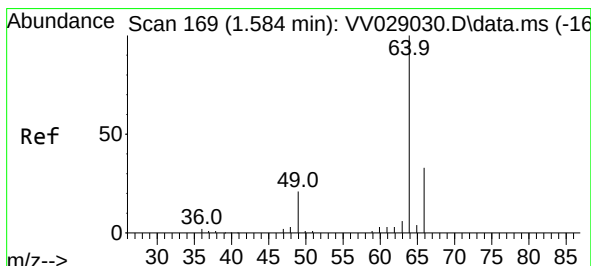
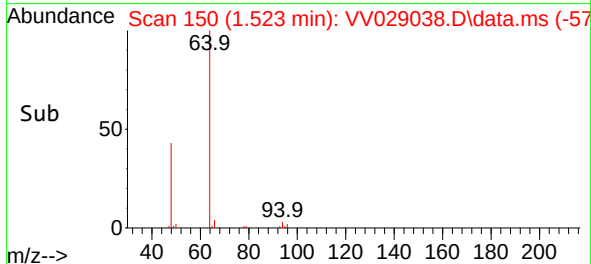
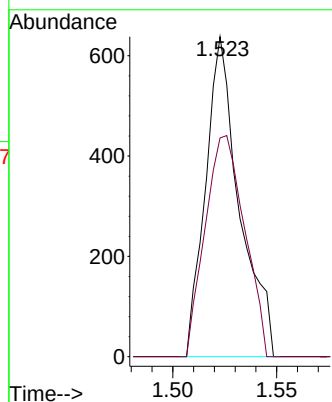
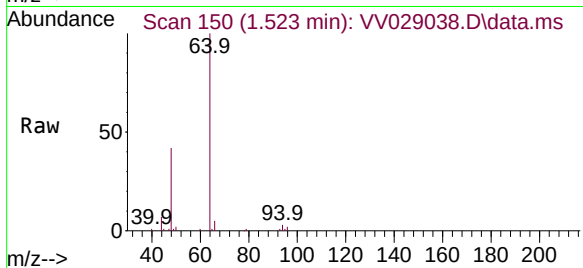




#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.523 min Scan# 114
Delta R.T. 0.000 min
Lab File: VV029038.D
Acq: 17 Nov 2022 00:11

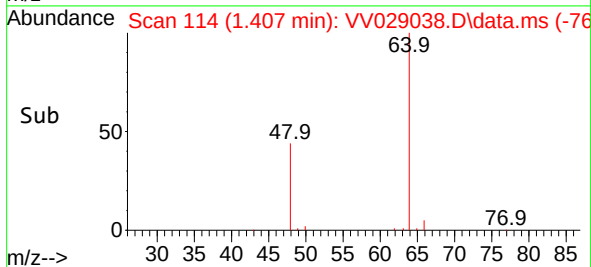
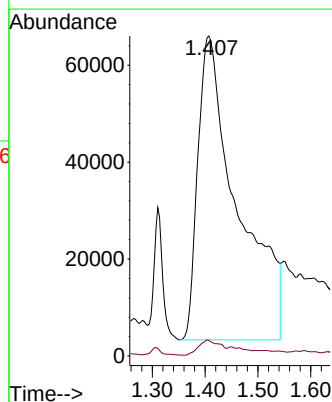
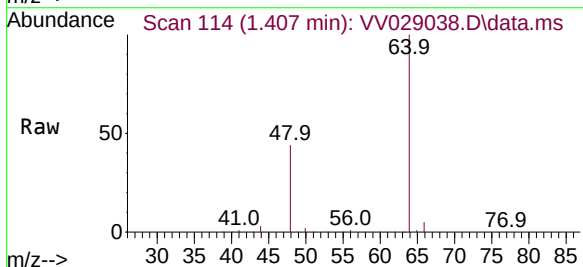
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ClientSampleId :
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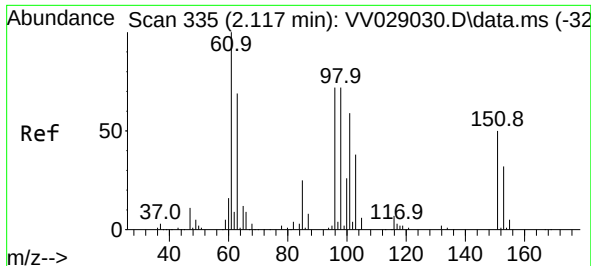
Tgt Ion: 94 Resp: 724
Ion Ratio Lower Upper
94 100
96 68.3 68.5 127.3#



#8
Chloroethane
Concen: 28.454 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.177 min
Lab File: VV029038.D
Acq: 17 Nov 2022 00:11

Tgt Ion: 64 Resp: 325873
Ion Ratio Lower Upper
64 100
66 4.9 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV029038.D

Acq: 17 Nov 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

H46B9DL

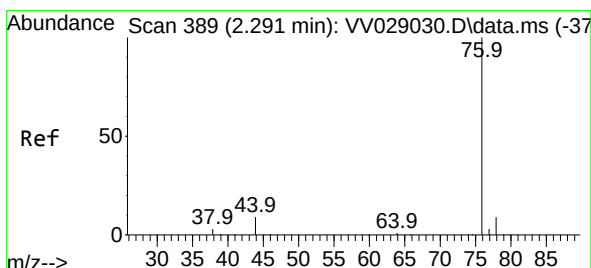
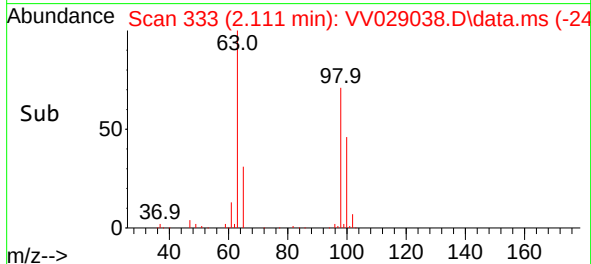
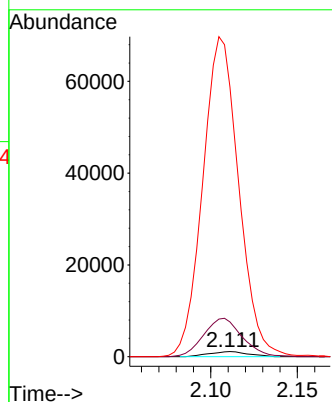
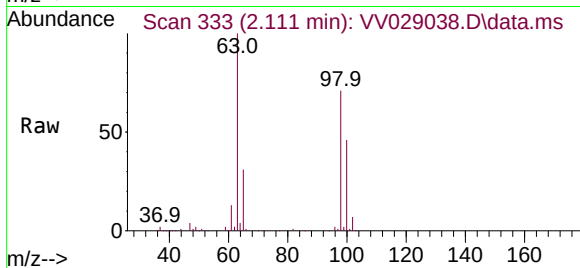
Tgt Ion: 96 Resp: 1754

Ion Ratio Lower Upper

96 100

61 673.7 104.2 193.4#

63 5223.1 75.9 140.9#



#14

Carbon disulfide

Concen: 0.085 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV029038.D

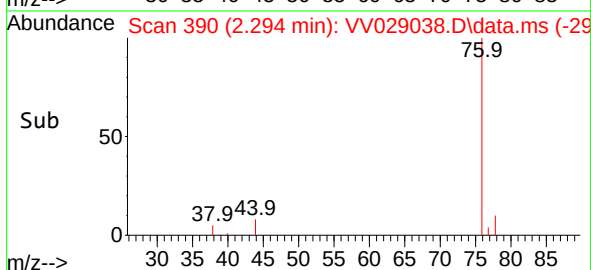
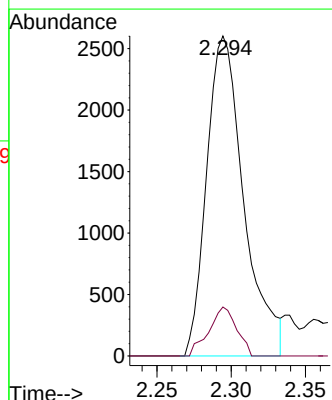
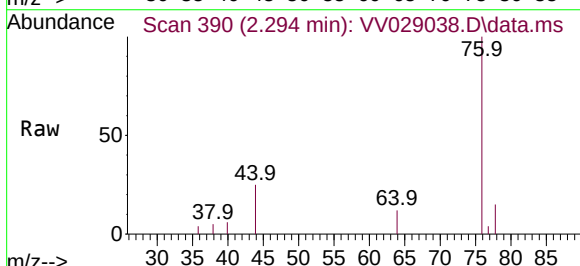
Acq: 17 Nov 2022 00:11

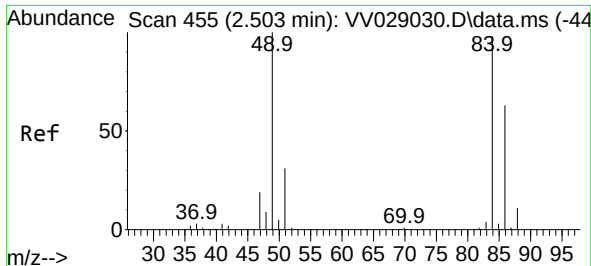
Tgt Ion: 76 Resp: 4539

Ion Ratio Lower Upper

76 100

78 15.3 7.4 11.2#

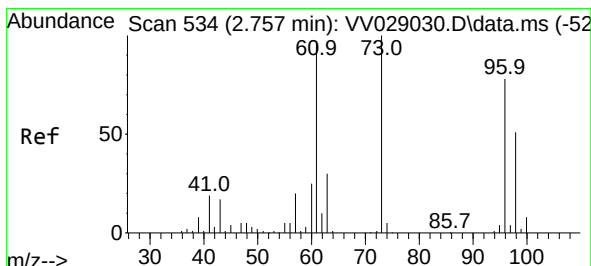
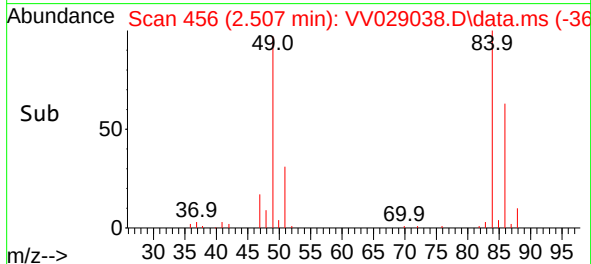
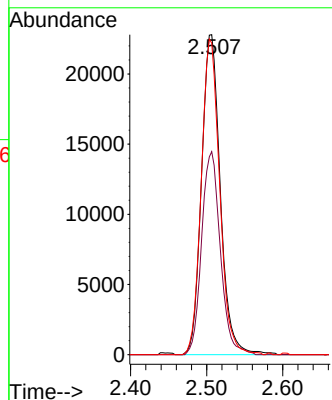
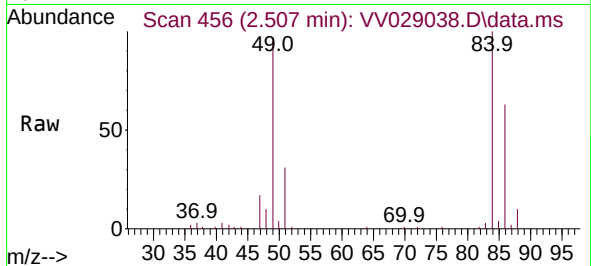




#16
Methylene chloride
Concen: 2.024 ug/L
RT: 2.507 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029038.D
Acq: 17 Nov 2022 00:11

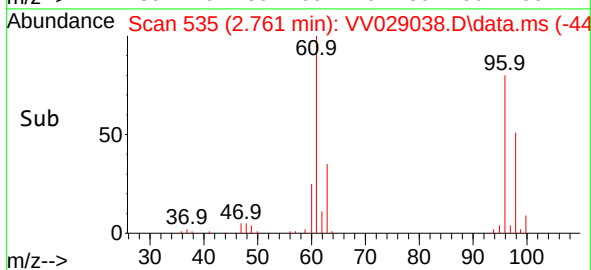
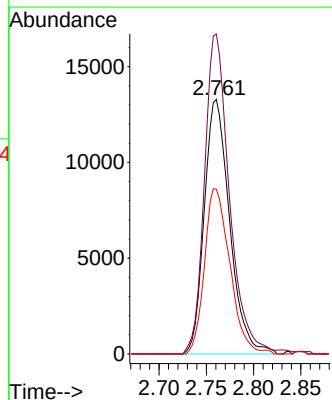
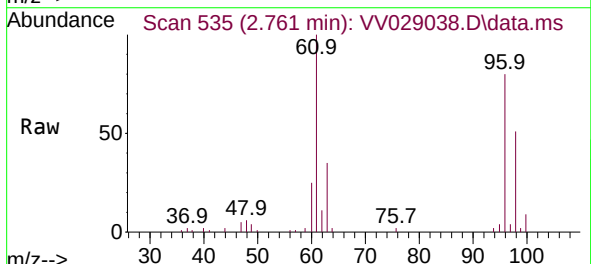
Instrument :
MSVOA_V
ClientSampleId :
H46B9DL

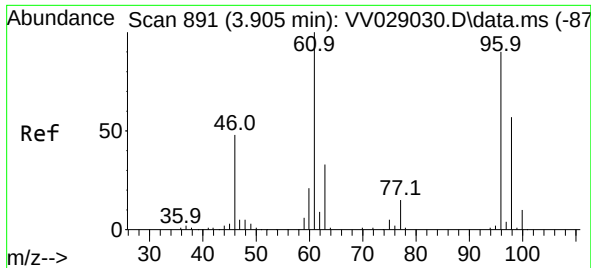
Tgt Ion: 84 Resp: 39129
Ion Ratio Lower Upper
84 100
86 63.4 45.8 85.0
49 97.3 75.5 140.1



#18
trans-1,2-Dichloroethene
Concen: 1.433 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV029038.D
Acq: 17 Nov 2022 00:11

Tgt Ion: 96 Resp: 24841
Ion Ratio Lower Upper
96 100
61 125.7 91.8 170.6
98 64.7 46.4 86.2

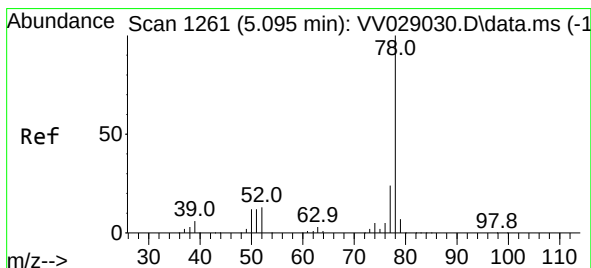
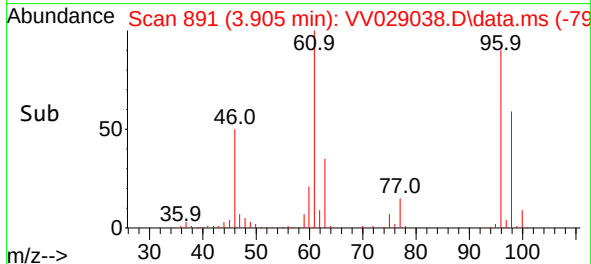
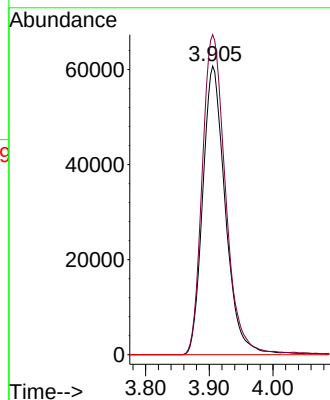
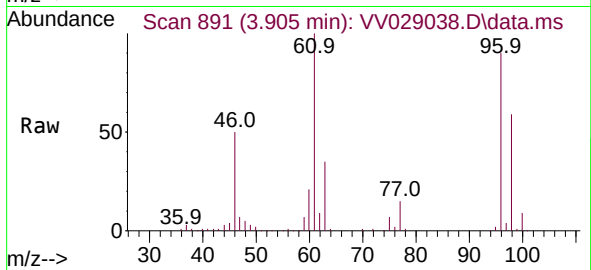




#22
 cis-1,2-Dichloroethene
 Concen: 8.461 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV029038.D
 Acq: 17 Nov 2022 00:11

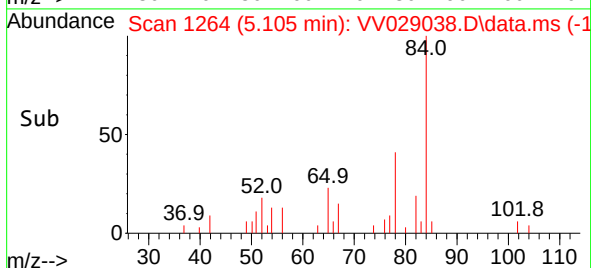
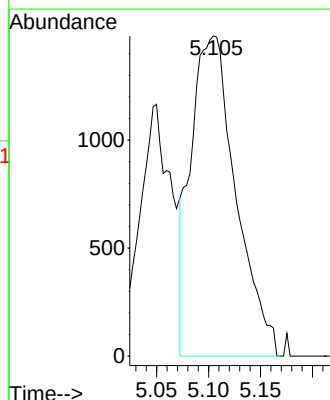
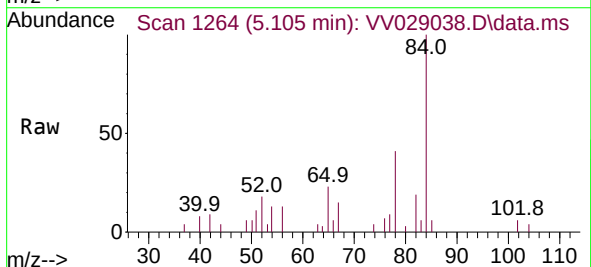
Instrument :
 MSVOA_V
 ClientSampleId :
 H46B9DL

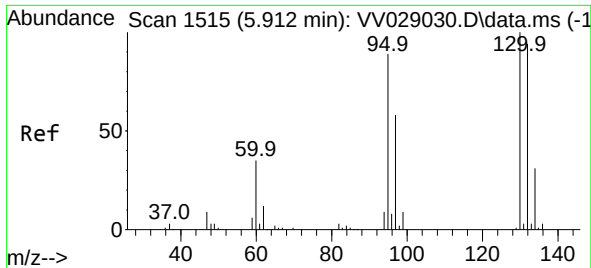
Tgt Ion: 96 Resp: 149152
 Ion Ratio Lower Upper
 96 100
 61 110.8 82.3 152.9
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.064 ug/L
 RT: 5.105 min Scan# 1264
 Delta R.T. 0.010 min
 Lab File: VV029038.D
 Acq: 17 Nov 2022 00:11

Tgt Ion: 78 Resp: 4454



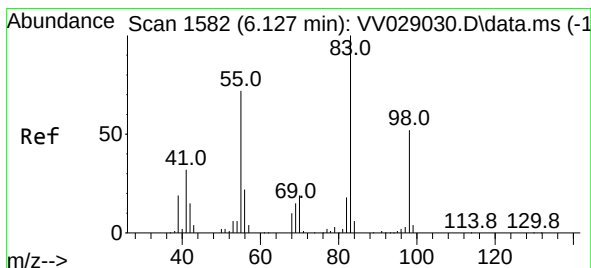
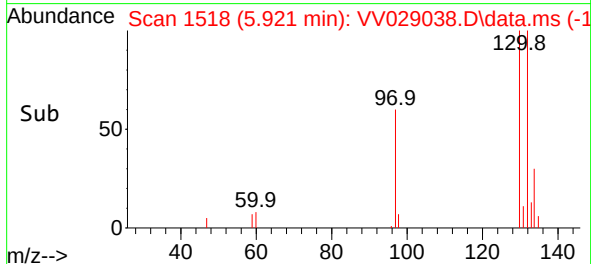
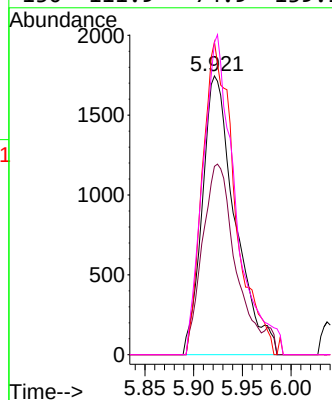
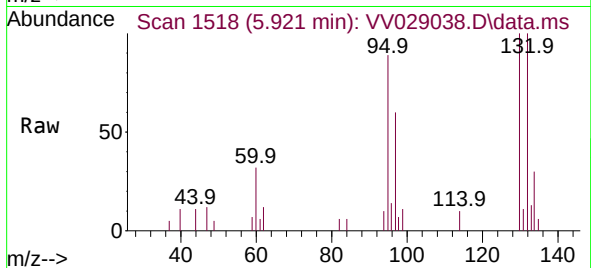


#34
Trichloroethene
Concen: 0.228 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029038.D
Acq: 17 Nov 2022 00:11

Instrument :
MSVOA_V
ClientSampleId :
H46B9DL

Tgt Ion: 95 Resp: 4093

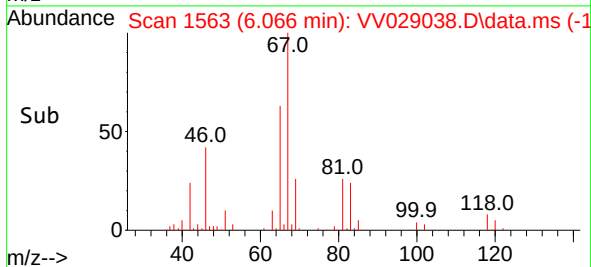
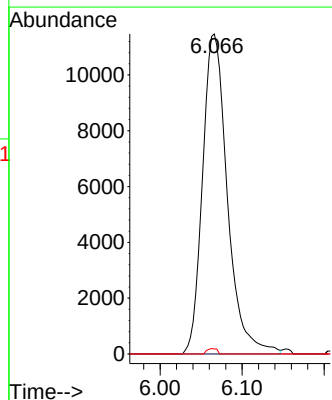
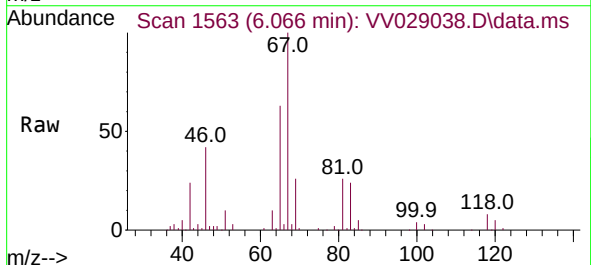
Ion	Ratio	Lower	Upper
95	100		
97	67.5	45.6	84.8
132	112.2	69.1	128.3
130	111.9	74.9	139.1

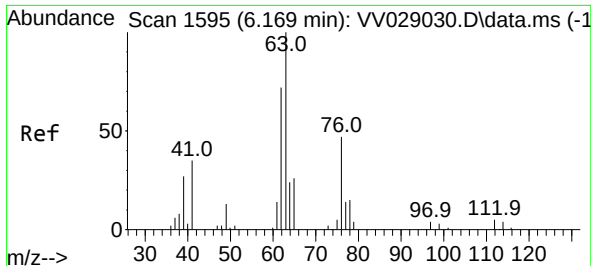


#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029038.D
Acq: 17 Nov 2022 00:11

Tgt Ion: 83 Resp: 24144

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	0.7	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV029038.D

Acq: 17 Nov 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

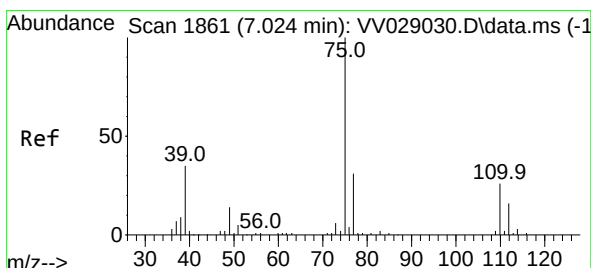
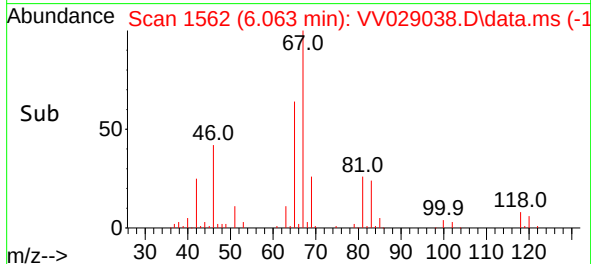
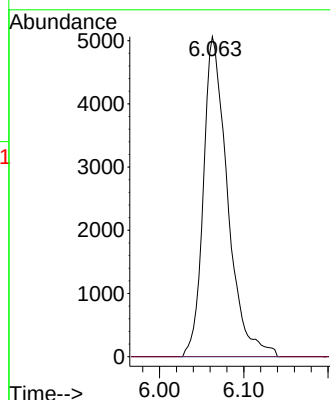
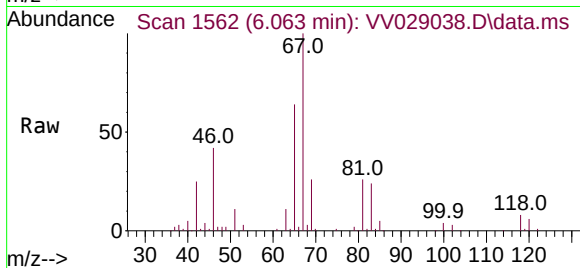
H46B9DL

Tgt Ion: 63 Resp: 10127

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV029038.D

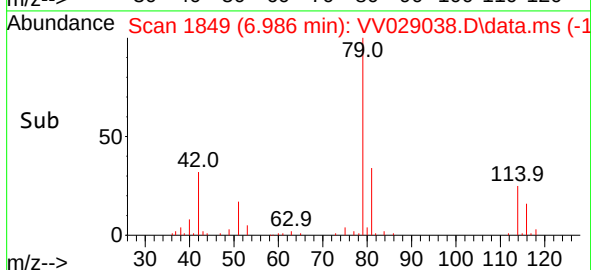
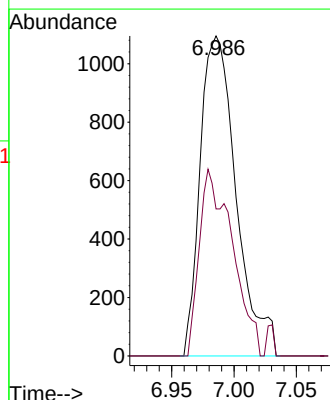
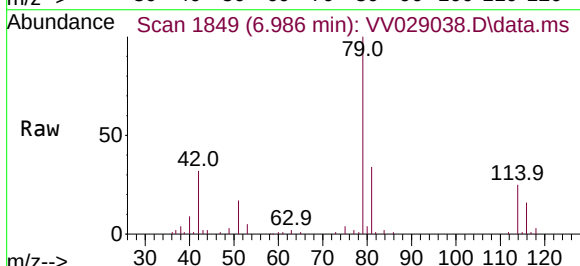
Acq: 17 Nov 2022 00:11

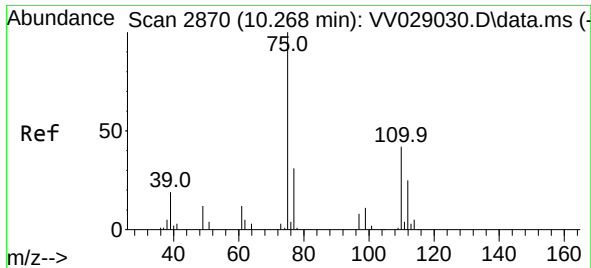
Tgt Ion: 75 Resp: 2202

Ion Ratio Lower Upper

75 100

77 45.9 21.8 40.6#





#61

1,2,3-Trichloropropane

Concen: 1.472 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029038.D

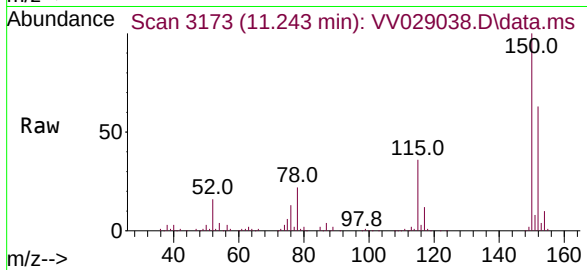
Acq: 17 Nov 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

H46B9DL



Tgt Ion: 75 Resp: 10423

Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.2

110 2.6 32.6 48.8#

