

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029041.D
 Acq On : 17 Nov 2022 01:25
 Operator : SY/MD
 Sample : N5604-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C4DL

Quant Time: Nov 17 05:36:23 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)

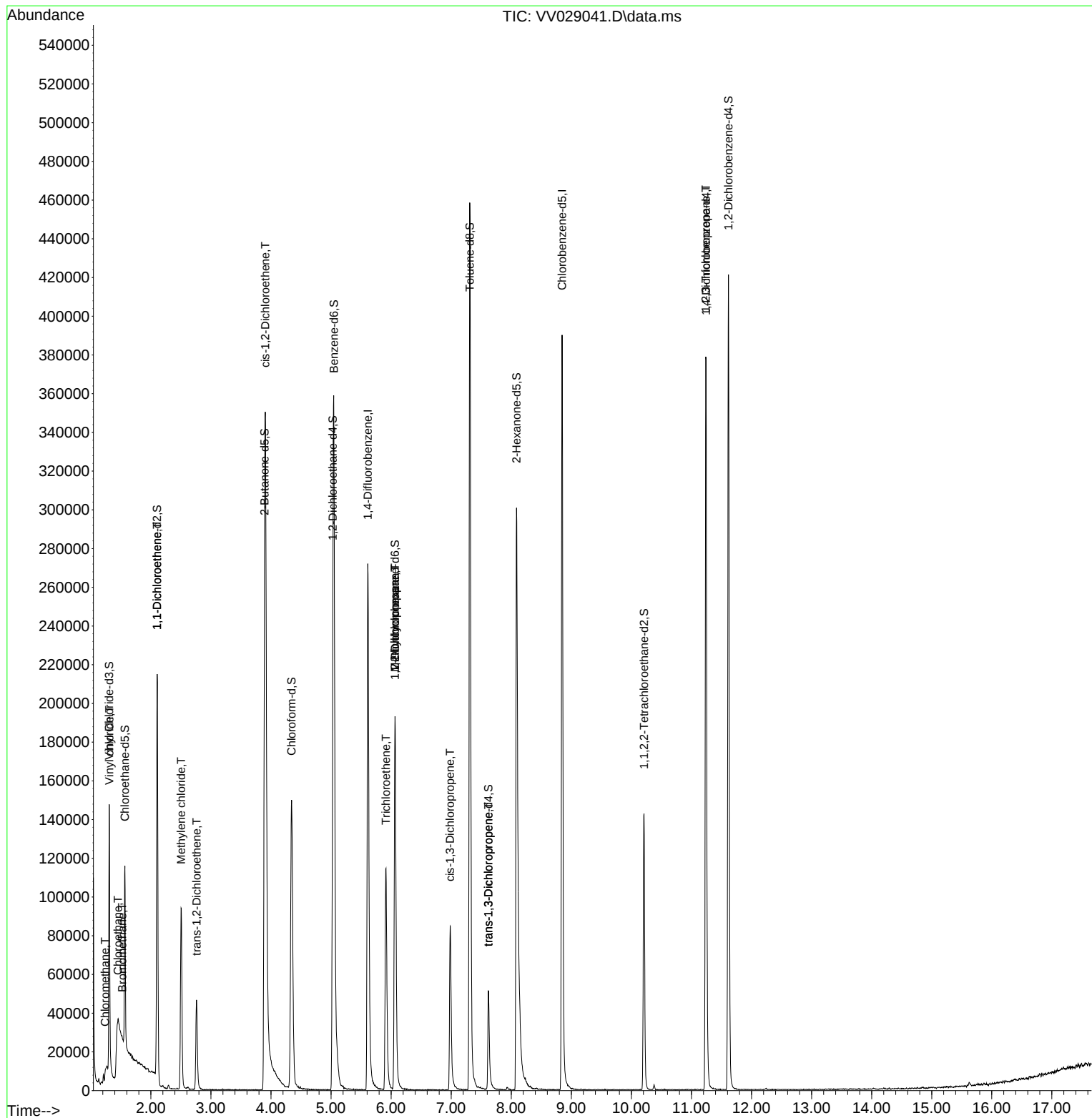
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	262441	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	242746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	114686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77132	4.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.568	69	61067	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.105	63	102209	3.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.892	46	137216	51.233	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.460%
24) Chloroform-d	4.342	84	166051	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.031	65	78057	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.047	84	355528	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.066	67	102455	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.310	98	332165	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.619	79	33688	5.105	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.088	63	132769	47.136	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72781	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	119998	5.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1046	0.058	ug/L #	80
5) Vinyl chloride	1.310	62	24592	1.187	ug/L #	62
6) Bromomethane	1.523	94	775	0.063	ug/L	87
8) Chloroethane	1.452	64	135410	11.126	ug/L #	52
12) 1,1-Dichloroethene	2.105	96	1432	0.090	ug/L #	1
16) Methylene chloride	2.506	84	44233	2.153	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	20409	1.108	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	182542	9.745	ug/L	97
34) Trichloroethene	5.911	95	43667	2.299	ug/L	97
35) Methylcyclohexane	6.066	83	25046	0.750	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10744	0.628	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2362	0.099	ug/L #	46
44) trans-1,3-Dichloropropene	7.619	75	1560	0.084	ug/L	85
61) 1,2,3-Trichloropropane	11.239	75	11055	1.411	ug/L #	64

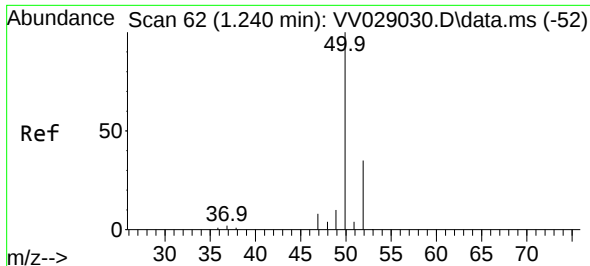
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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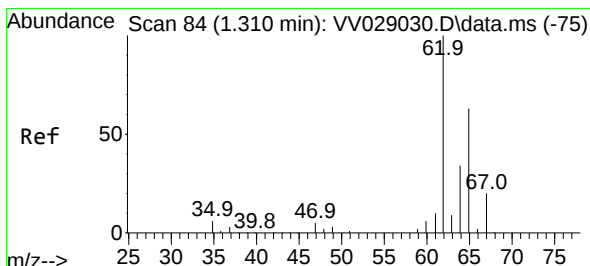
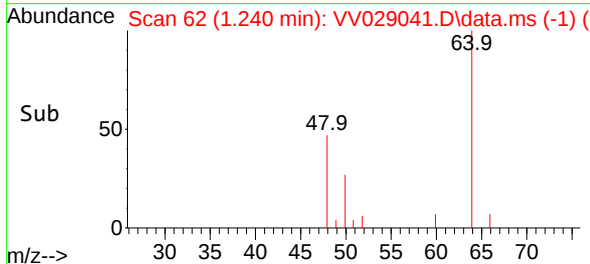
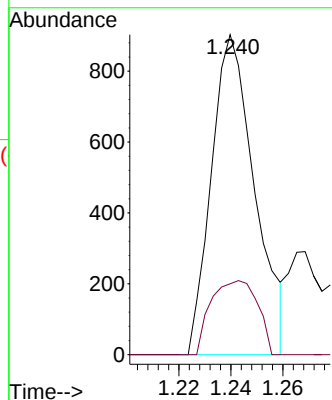
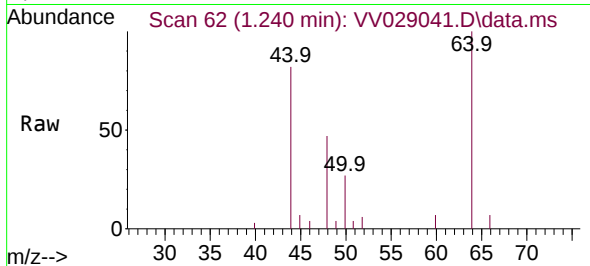




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

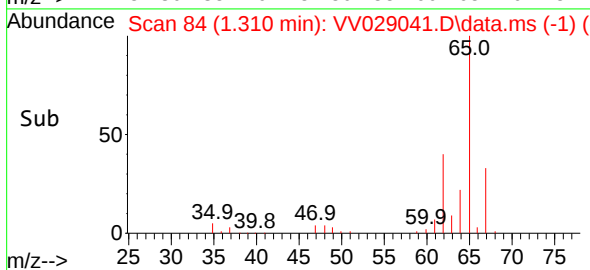
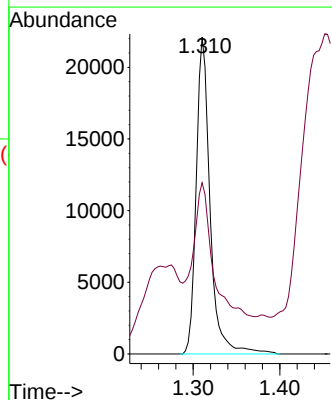
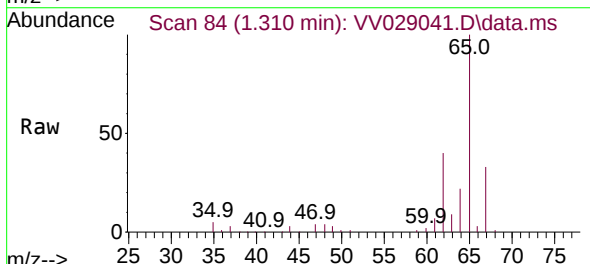
Instrument :
MSVOA_V
ClientSampleId :
H46C4DL

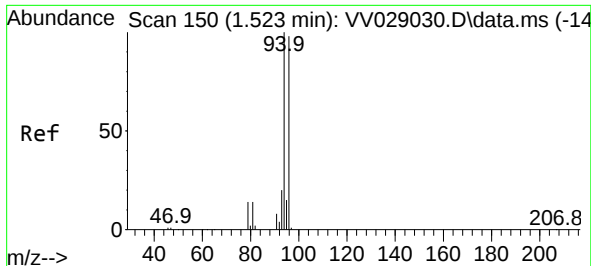
Tgt Ion: 50 Resp: 1046
Ion Ratio Lower Upper
50 100
52 22.1 23.7 43.9#



#5
Vinyl chloride
Concen: 1.187 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

Tgt Ion: 62 Resp: 24592
Ion Ratio Lower Upper
62 100
64 54.0 22.8 42.4#

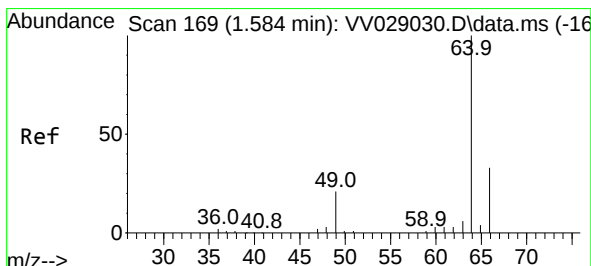
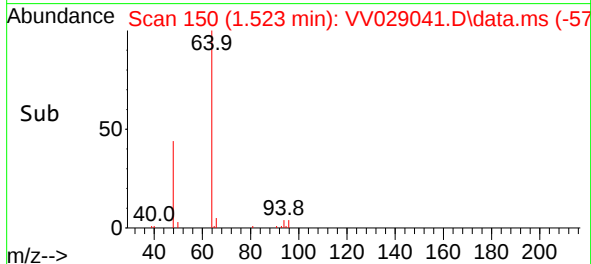
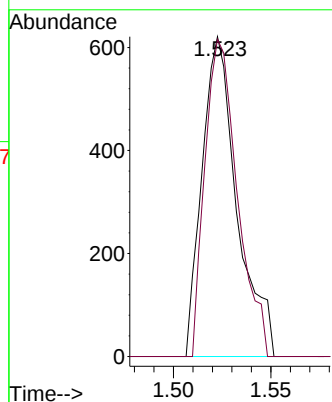
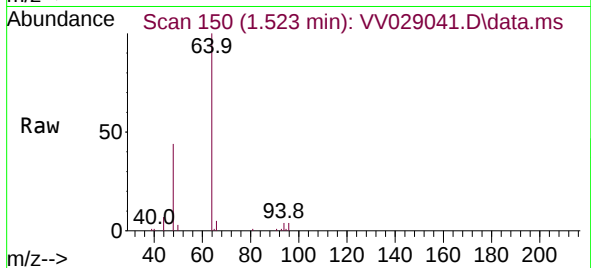




#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

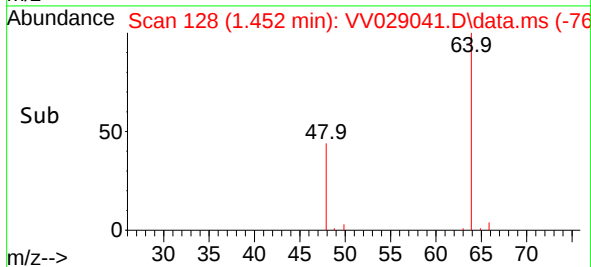
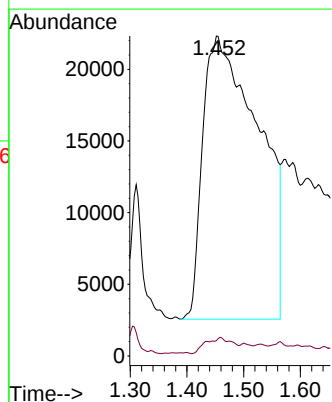
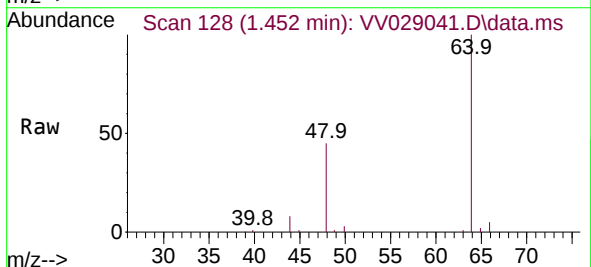
Instrument :
MSVOA_V
ClientSampleId :
H46C4DL

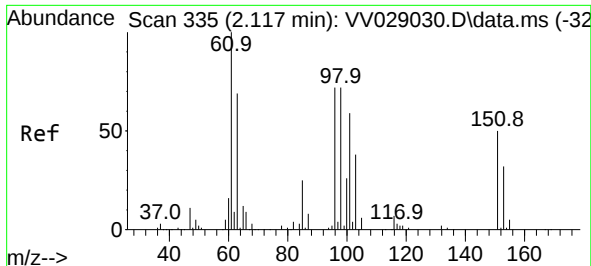
Tgt Ion: 94 Resp: 775
Ion Ratio Lower Upper
94 100
96 84.6 68.5 127.3



#8
Chloroethane
Concen: 11.126 ug/L
RT: 1.452 min Scan# 128
Delta R.T. -0.132 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

Tgt Ion: 64 Resp: 135410
Ion Ratio Lower Upper
64 100
66 4.8 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV029041.D

Acq: 17 Nov 2022 01:25

Instrument :

MSVOA_V

ClientSampleId :

H46C4DL

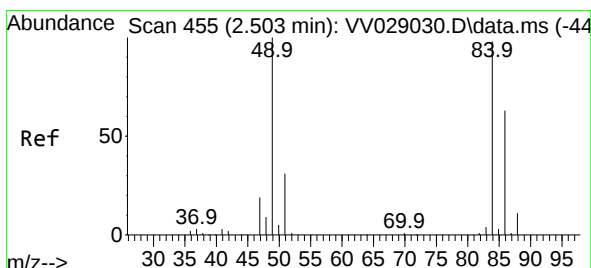
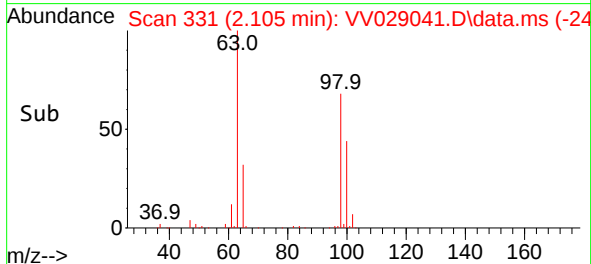
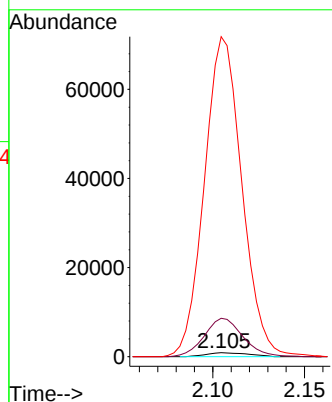
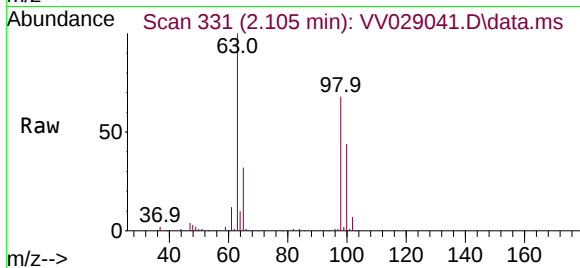
Tgt Ion: 96 Resp: 1432

Ion Ratio Lower Upper

96 100

61 974.9 104.2 193.4#

63 8107.4 75.9 140.9#



#16

Methylene chloride

Concen: 2.153 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV029041.D

Acq: 17 Nov 2022 01:25

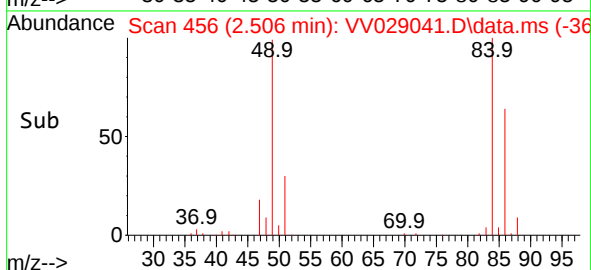
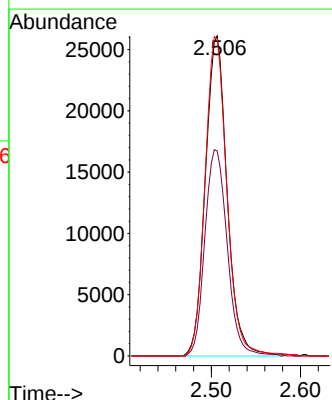
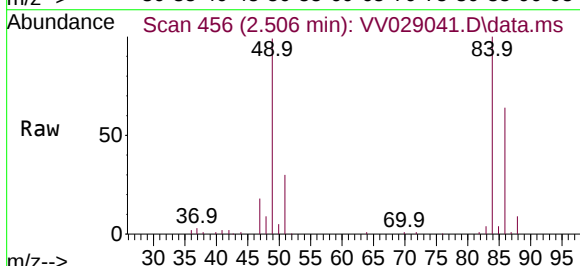
Tgt Ion: 84 Resp: 44233

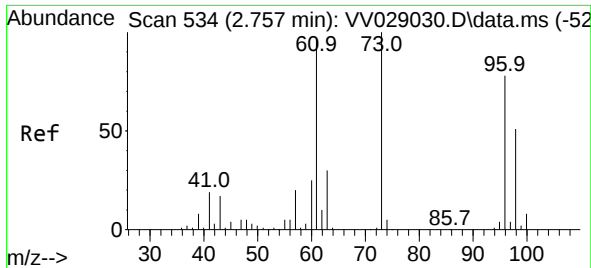
Ion Ratio Lower Upper

84 100

86 64.1 45.8 85.0

49 99.2 75.5 140.1

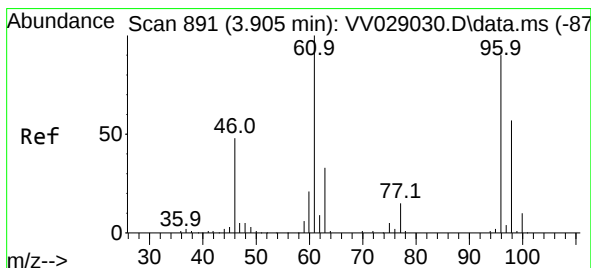
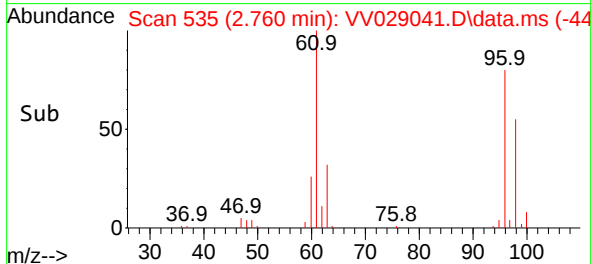
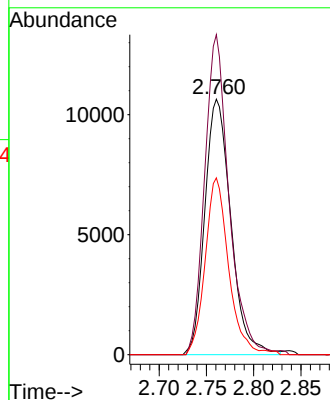
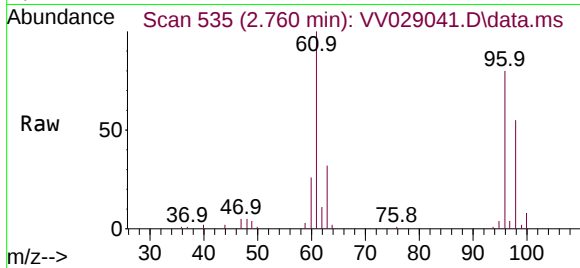




#18
trans-1,2-Dichloroethene
Concen: 1.108 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

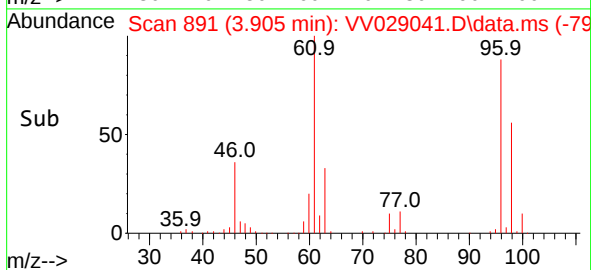
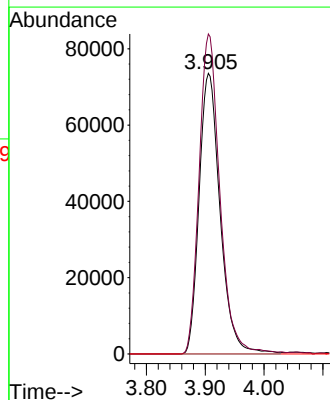
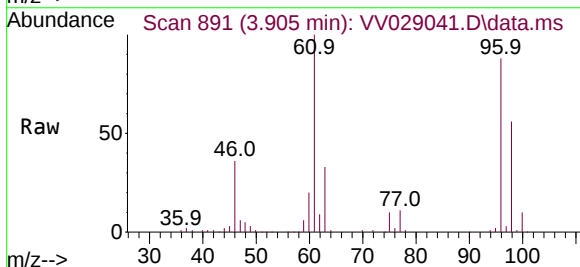
Instrument :
MSVOA_V
ClientSampleId :
H46C4DL

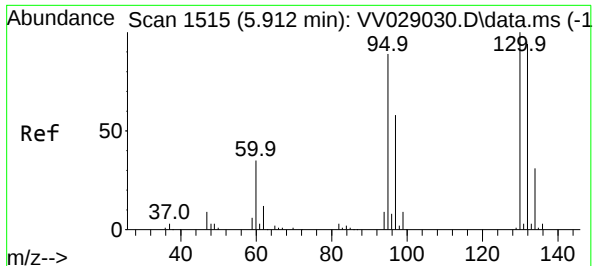
Tgt Ion: 96 Resp: 20409
Ion Ratio Lower Upper
96 100
61 125.2 91.8 170.6
98 69.2 46.4 86.2



#22
cis-1,2-Dichloroethene
Concen: 9.745 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

Tgt Ion: 96 Resp: 182542
Ion Ratio Lower Upper
96 100
61 114.0 82.3 152.9
68 0.0 0.0 0.0



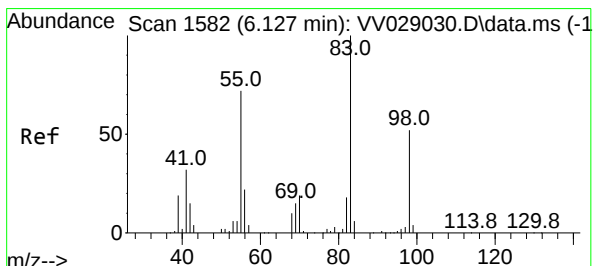
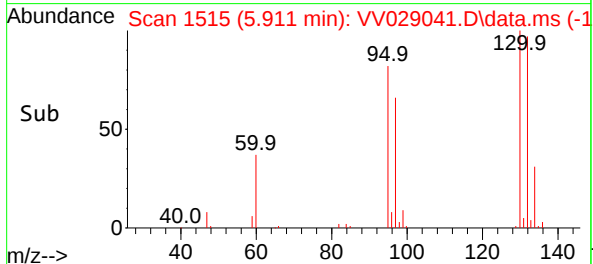
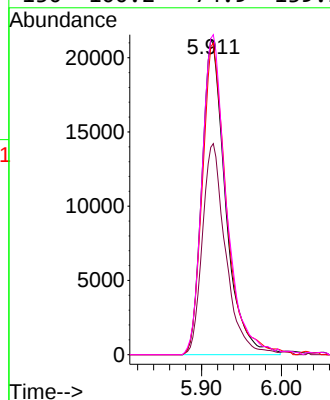
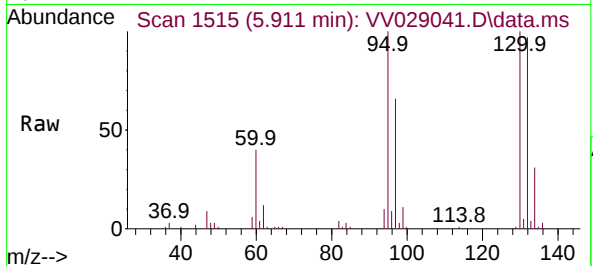


#34
Trichloroethene
Concen: 2.299 ug/L
RT: 5.911 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

Instrument :
MSVOA_V
ClientSampleId :
H46C4DL

Tgt Ion: 95 Resp: 43667

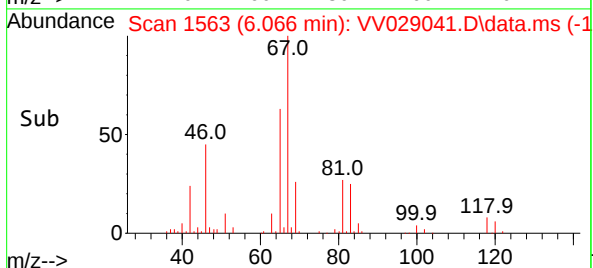
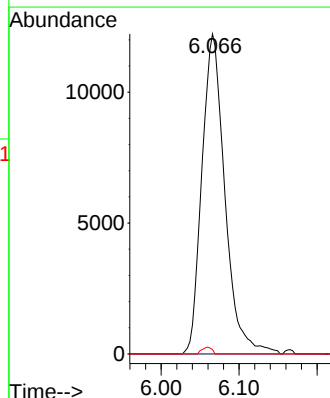
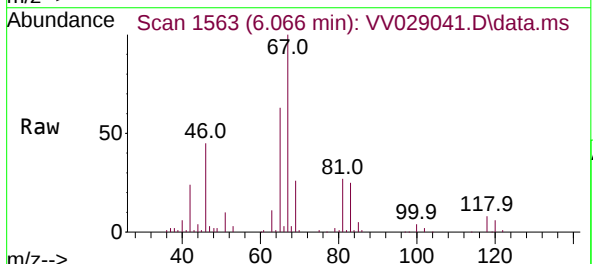
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.6	84.8
132	97.7	69.1	128.3
130	100.2	74.9	139.1

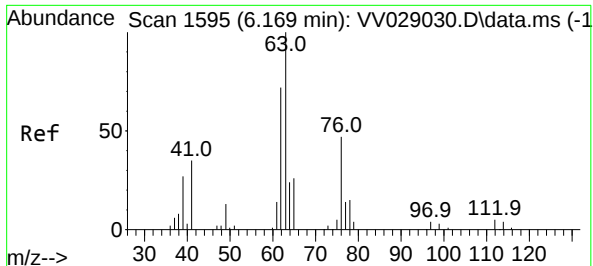


#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

Tgt Ion: 83 Resp: 25046

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: 0.628 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029041.D

Acq: 17 Nov 2022 01:25

Instrument :

MSVOA_V

ClientSampleId :

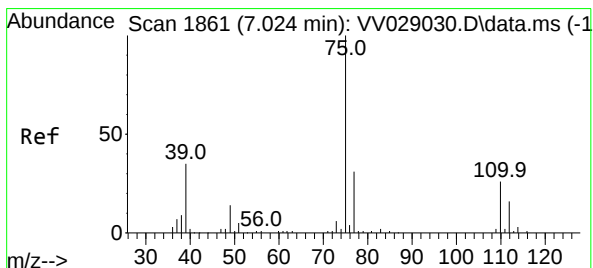
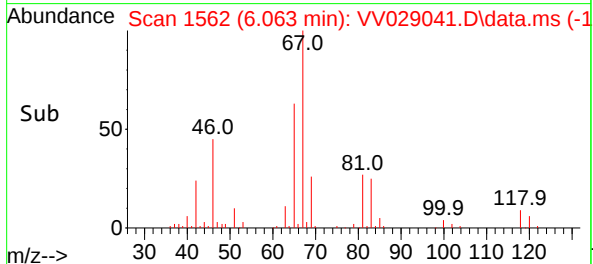
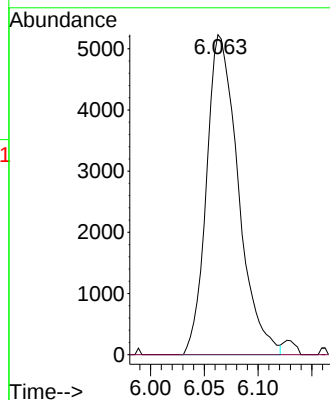
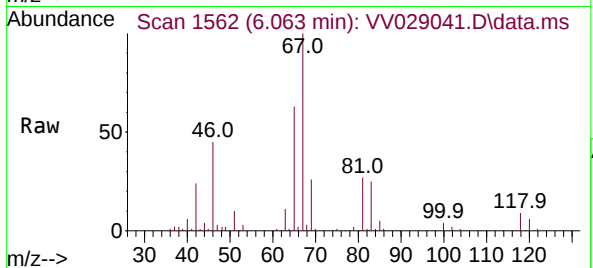
H46C4DL

Tgt Ion: 63 Resp: 10744

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV029041.D

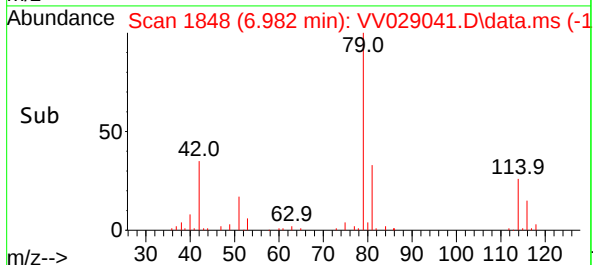
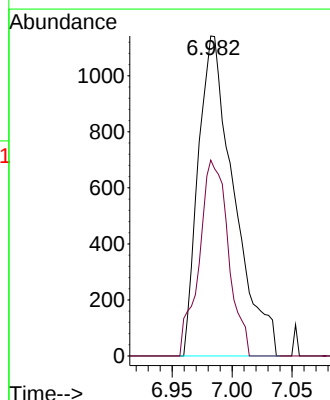
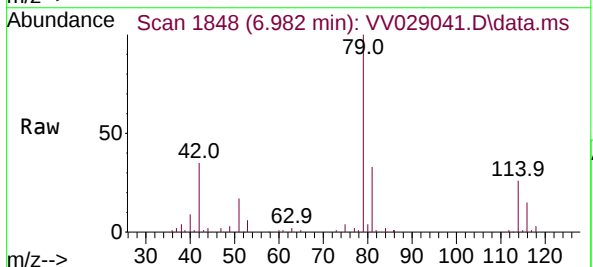
Acq: 17 Nov 2022 01:25

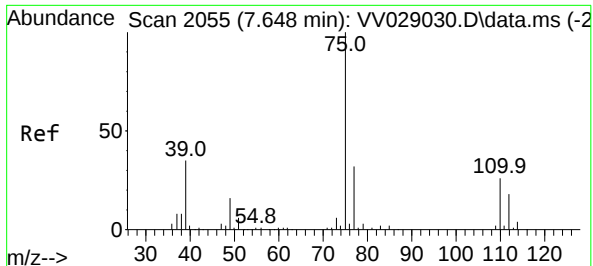
Tgt Ion: 75 Resp: 2362

Ion Ratio Lower Upper

75 100

77 61.2 21.8 40.6#

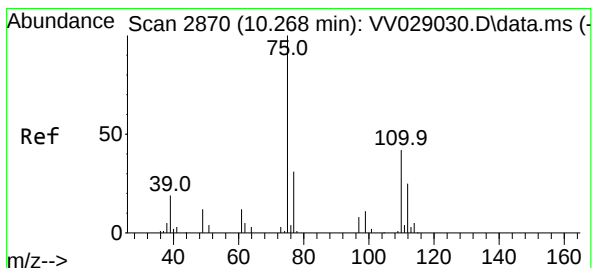
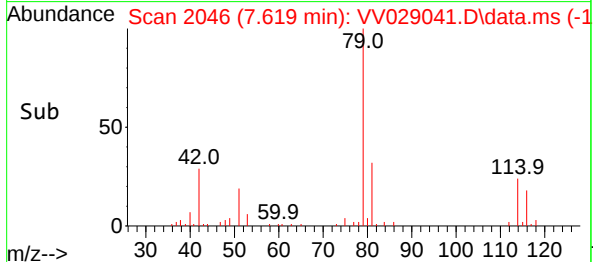
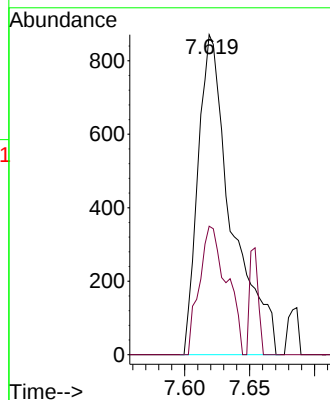
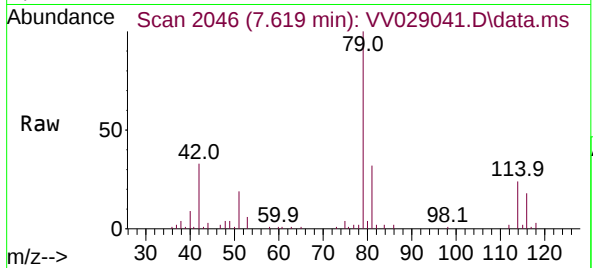




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.619 min Scan# 2055
Delta R.T. -0.029 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

Instrument :
MSVOA_V
ClientSampleId :
H46C4DL

Tgt Ion: 75 Resp: 1560
Ion Ratio Lower Upper
75 100
77 40.2 22.2 41.2



#61
1,2,3-Trichloropropane
Concen: 1.411 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV029041.D
Acq: 17 Nov 2022 01:25

Tgt Ion: 75 Resp: 11055
Ion Ratio Lower Upper
75 100
77 34.2 26.2 39.2
110 1.7 32.6 48.8#

