

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029190.D
 Acq On : 19 Nov 2022 23:17
 Operator : SY/MD
 Sample : N5648-04DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D5DL

Quant Time: Nov 20 04:29:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

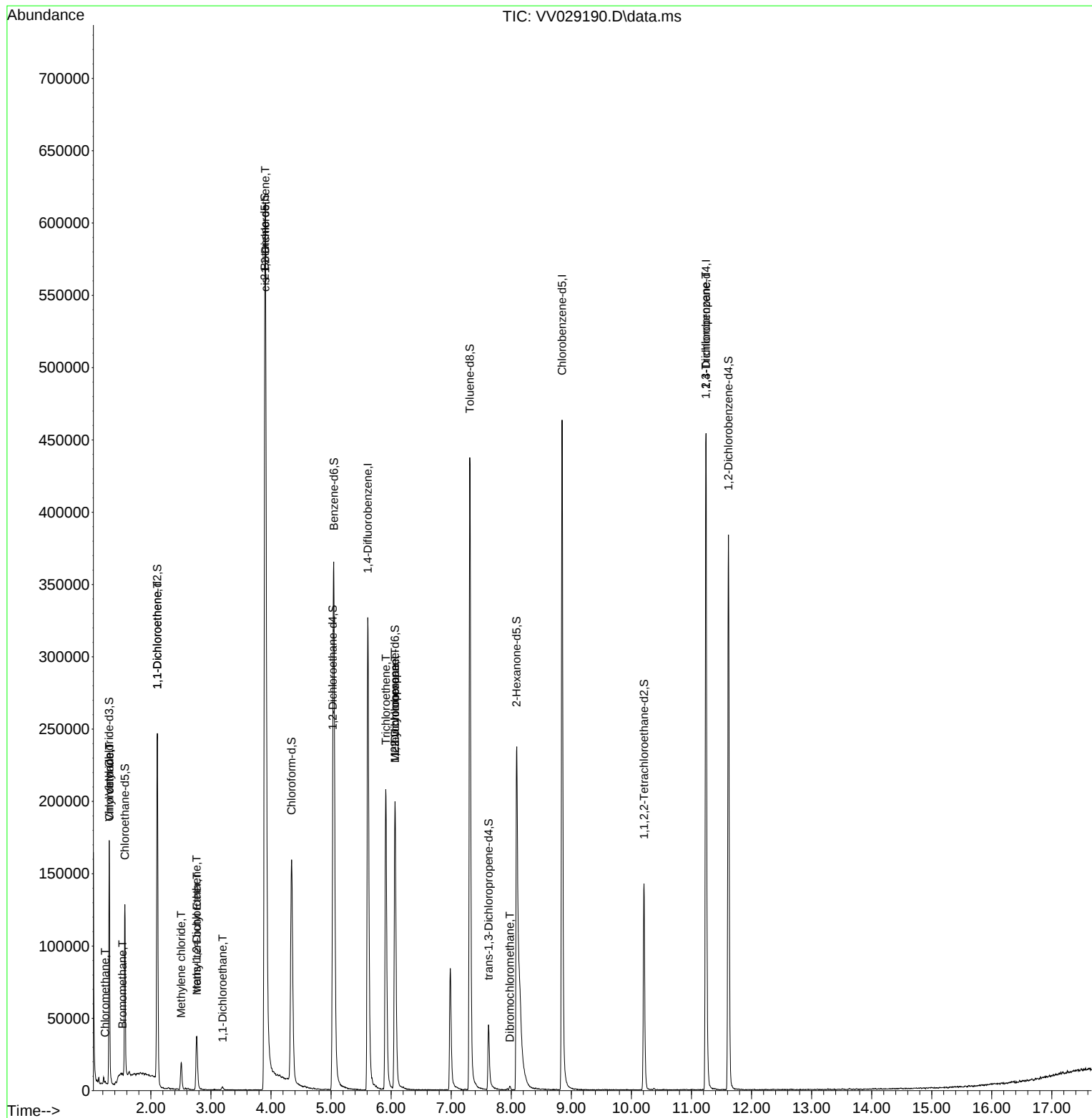
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	306569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	284970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	131670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	95184	5.093	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.800%	
7) Chloroethane-d5	1.568	69	77028	4.688	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.108	63	122672	3.602	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.000%	
20) 2-Butanone-d5	3.895	46	99507	31.805	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	63.620%	
24) Chloroform-d	4.342	84	171223	4.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.027	65	79440	4.601	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.047	84	361709	4.252	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.066	67	103766	4.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.310	98	317140	4.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	7.622	79	31255	4.035	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.088	63	143585	43.423	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.840%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	73653	4.473	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	109972	4.668	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						Qvalue
3) Chloromethane	1.236	50	937	0.044	ug/L	98
5) Vinyl chloride	1.310	62	20858	0.862	ug/L	87
6) Bromomethane	1.526	94	680	0.047	ug/L	90
8) Chloroethane	1.310	64	7339	0.516	ug/L	88
12) 1,1-Dichloroethene	2.108	96	1616	0.087	ug/L #	1
16) Methylene chloride	2.506	84	7926	0.330	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	8750	0.220	ug/L #	93
18) trans-1,2-Dichloroethene	2.760	96	12101	0.562	ug/L	97
19) 1,1-Dichloroethane	3.195	63	2211	0.063	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	347770	15.893	ug/L	98
34) Trichloroethene	5.911	95	78524	3.522	ug/L	98
35) Methylcyclohexane	6.063	83	25761	0.657	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11139	0.555	ug/L #	85
49) Dibromochloromethane	7.979	129	570	0.036	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	13886	1.543	ug/L #	66

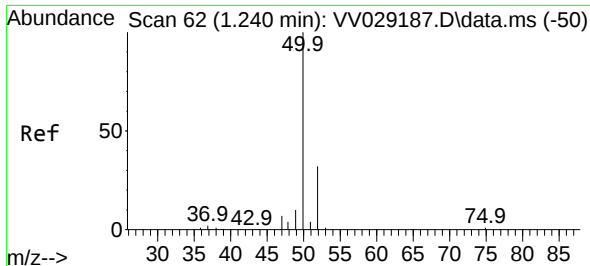
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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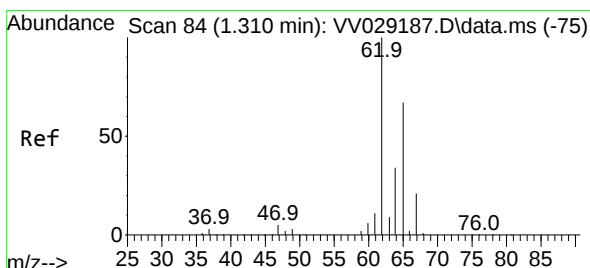
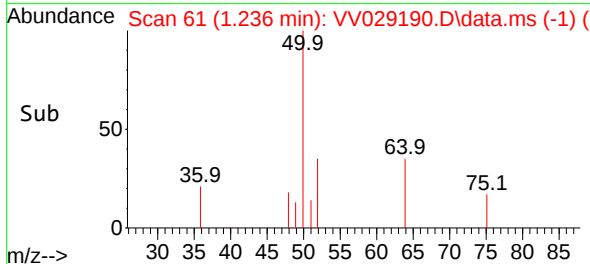
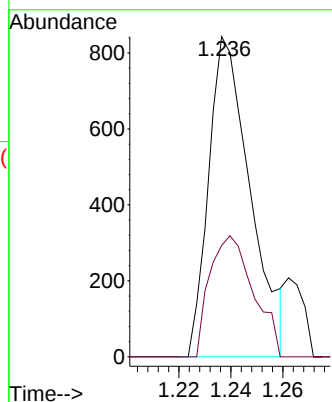
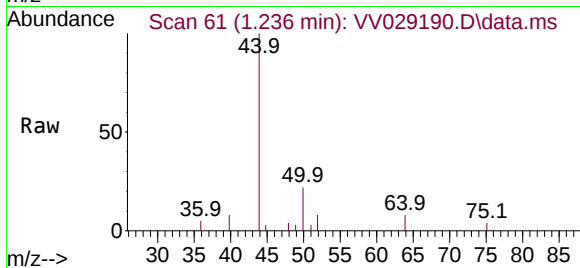




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

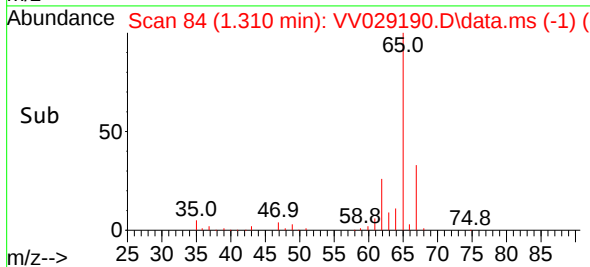
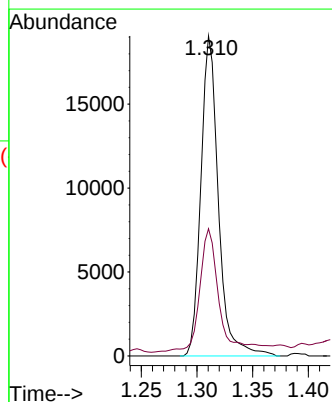
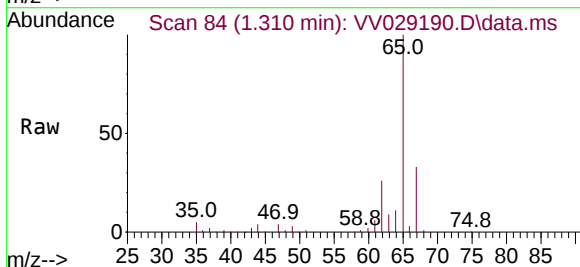
Instrument :
MSVOA_V
ClientSampleId :
H46D5DL

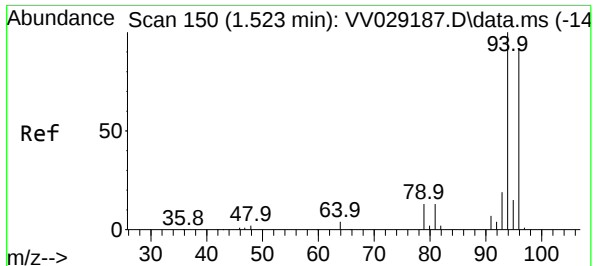
Tgt Ion: 50 Resp: 937
Ion Ratio Lower Upper
50 100
52 34.8 23.7 43.9



#5
Vinyl chloride
Concen: 0.862 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Tgt Ion: 62 Resp: 20858
Ion Ratio Lower Upper
62 100
64 39.7 22.8 42.4

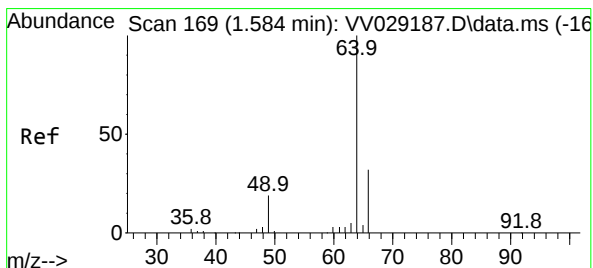
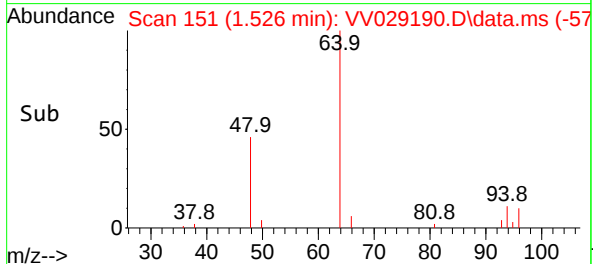
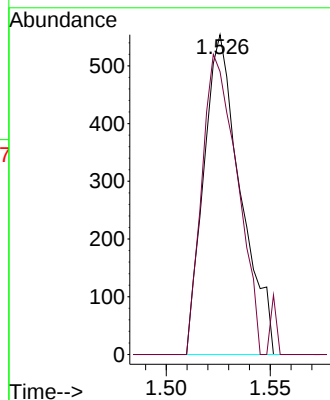
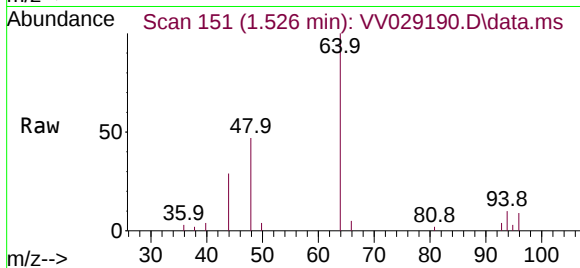




#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

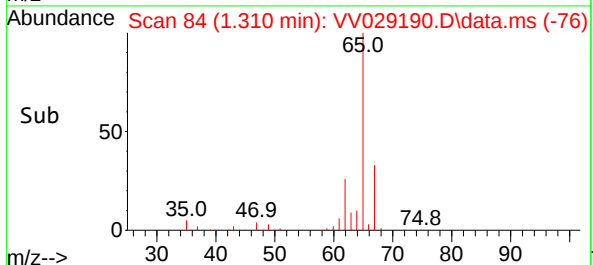
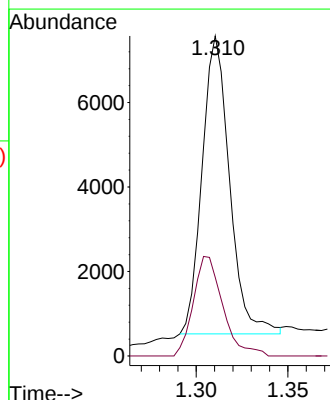
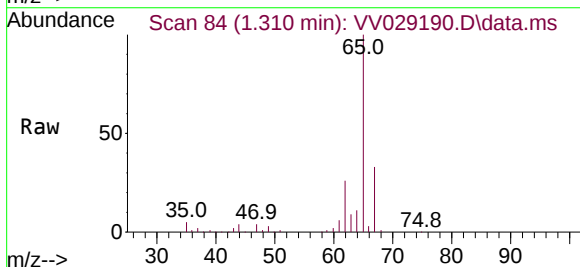
Instrument :
MSVOA_V
ClientSampleId :
H46D5DL

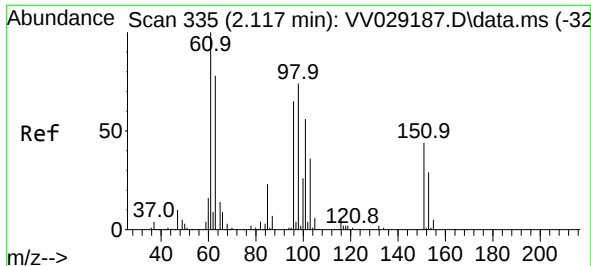
Tgt Ion: 94 Resp: 680
Ion Ratio Lower Upper
94 100
96 88.4 68.5 127.3



#8
Chloroethane
Concen: 0.516 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Tgt Ion: 64 Resp: 7339
Ion Ratio Lower Upper
64 100
66 24.6 22.0 40.8





#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV029190.D

Acq: 19 Nov 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

H46D5DL

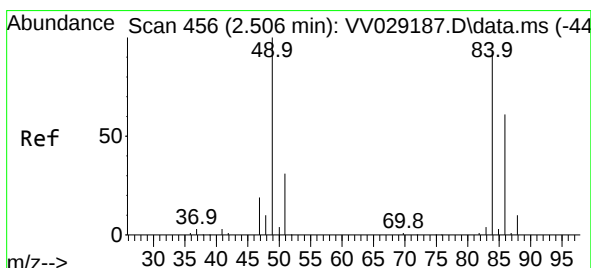
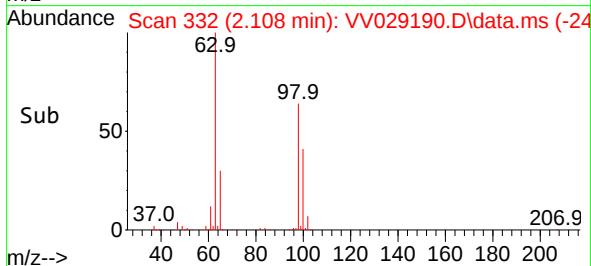
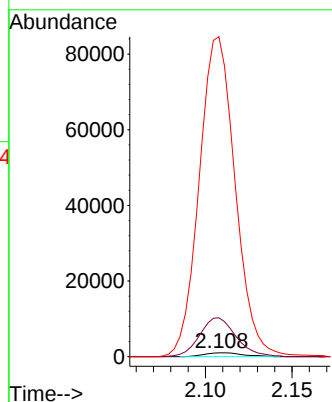
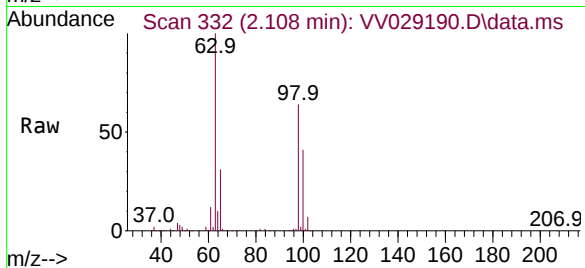
Tgt Ion: 96 Resp: 1616

Ion Ratio Lower Upper

96 100

61 1018.3 104.2 193.4#

63 8368.7 75.9 140.9#



#16

Methylene chloride

Concen: 0.330 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV029190.D

Acq: 19 Nov 2022 23:17

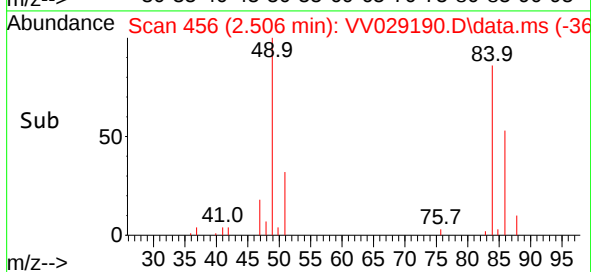
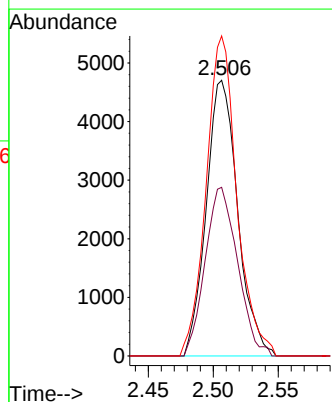
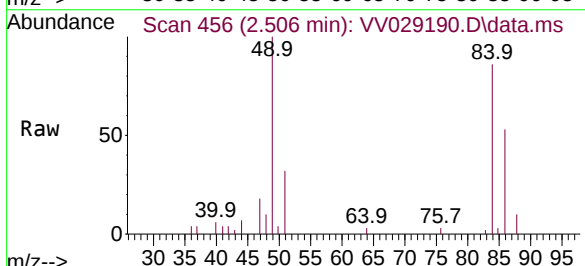
Tgt Ion: 84 Resp: 7926

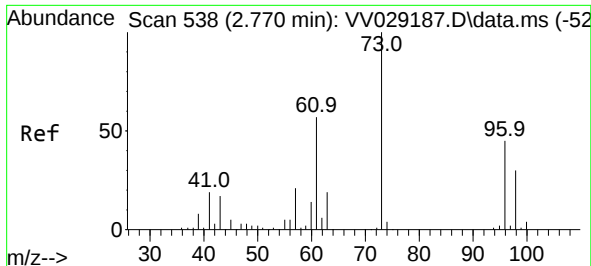
Ion Ratio Lower Upper

84 100

86 61.1 45.8 85.0

49 120.7 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 0.220 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV029190.D

Acq: 19 Nov 2022 23:17

Instrument :

MSVOA_V

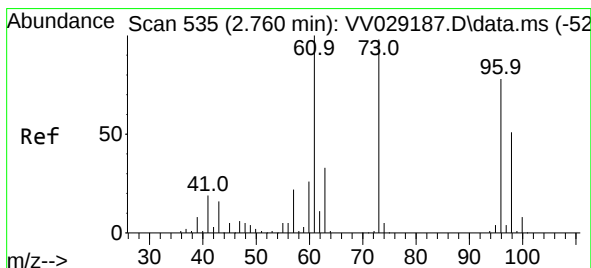
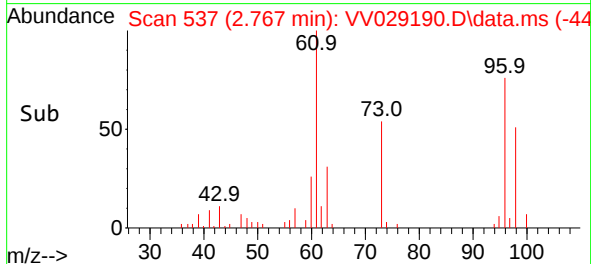
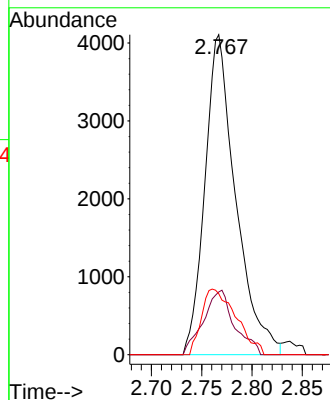
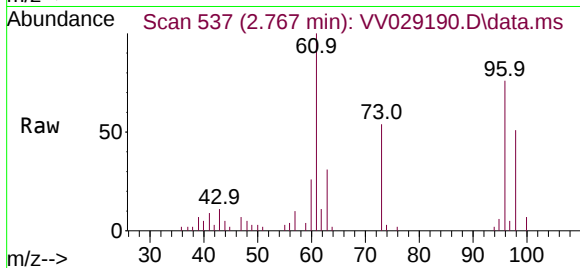
ClientSampleId :

H46D5DL

Tgt Ion: 73 Resp: 8750

Ion Ratio Lower Upper

73	100		
43	20.3	13.0	19.4#
57	22.9	16.6	24.8



#18

trans-1,2-Dichloroethene

Concen: 0.562 ug/L

RT: 2.760 min Scan# 535

Delta R.T. 0.000 min

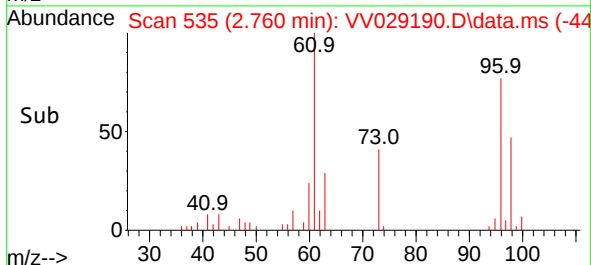
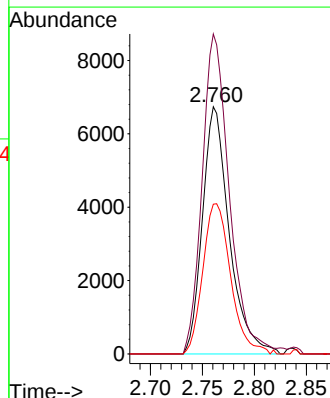
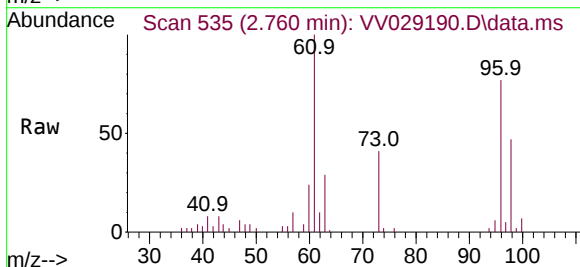
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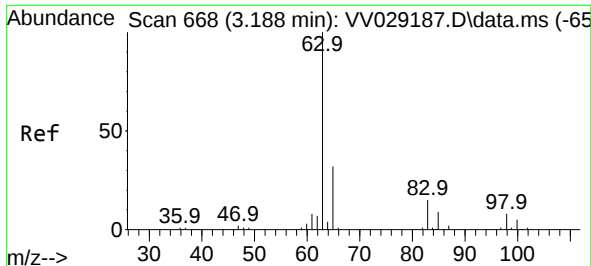
Acq: 19 Nov 2022 23:17

Tgt Ion: 96 Resp: 12101

Ion Ratio Lower Upper

96	100		
61	129.5	91.8	170.6
98	60.6	46.4	86.2





#19

1,1-Dichloroethane

Concen: 0.063 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV029190.D

Acq: 19 Nov 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

H46D5DL

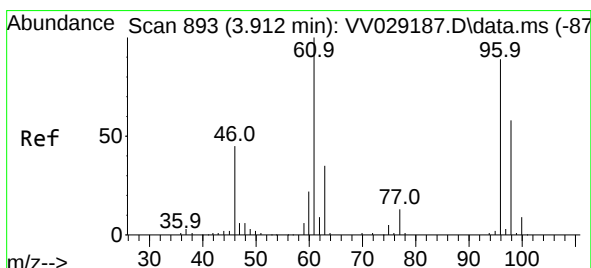
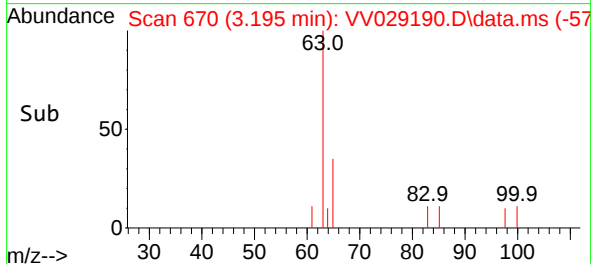
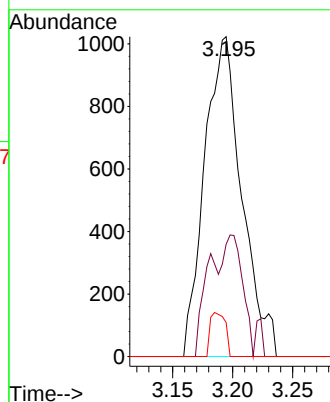
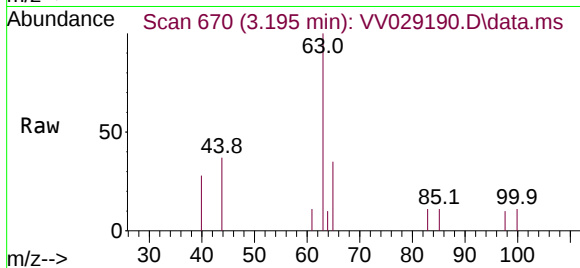
Tgt Ion: 63 Resp: 2211

Ion Ratio Lower Upper

63 100

65 35.1 23.0 42.6

83 10.7 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 15.893 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV029190.D

Acq: 19 Nov 2022 23:17

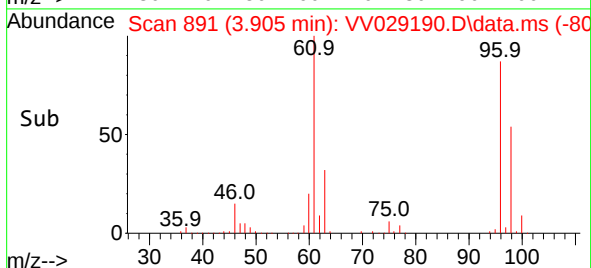
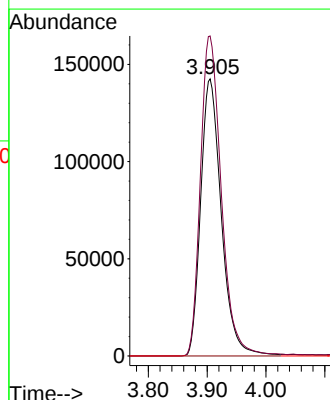
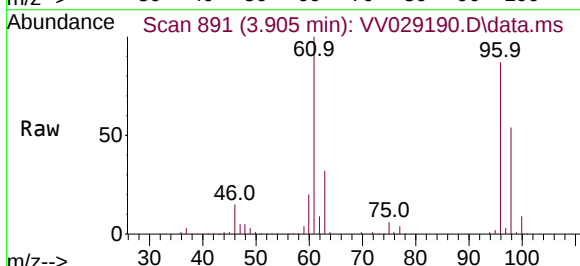
Tgt Ion: 96 Resp: 347770

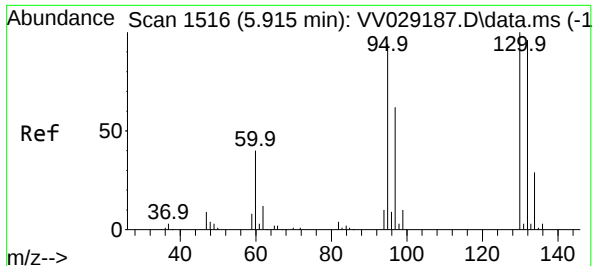
Ion Ratio Lower Upper

96 100

61 115.4 82.3 152.9

68 0.0 0.0 0.0

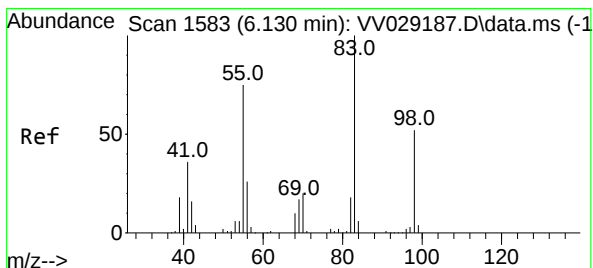
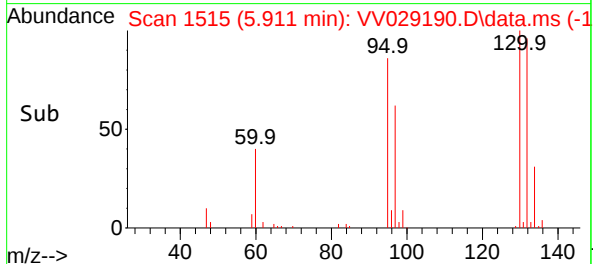
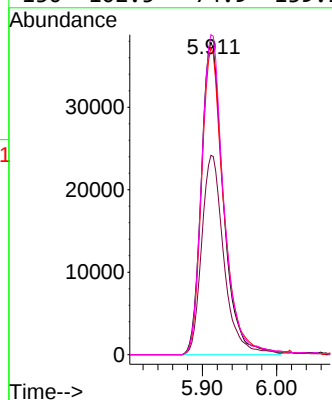
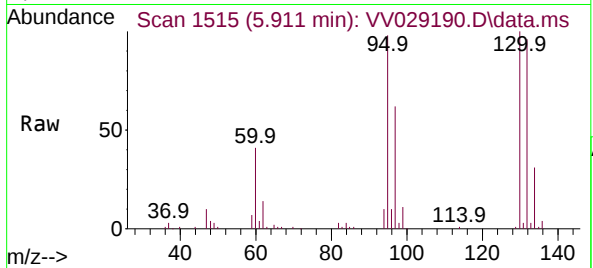




#34
Trichloroethene
Concen: 3.522 ug/L
RT: 5.911 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

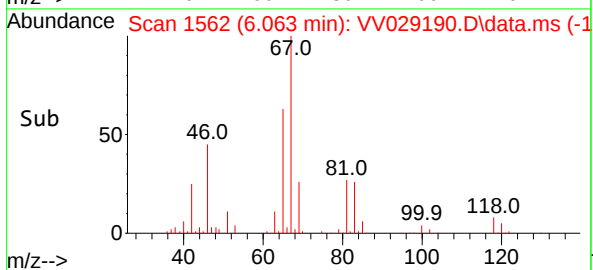
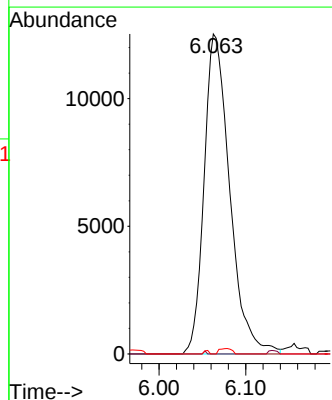
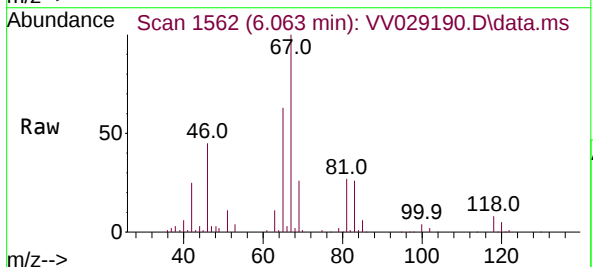
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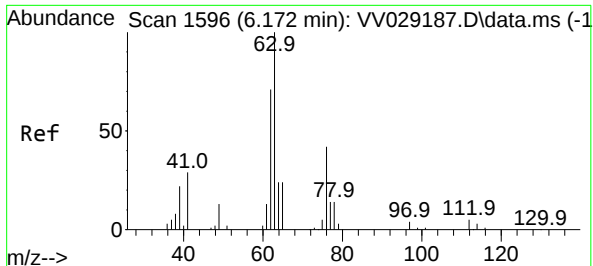
Tgt Ion: 95 Resp: 78524
Ion Ratio Lower Upper
95 100
97 63.8 45.6 84.8
132 98.4 69.1 128.3
130 102.5 74.9 139.1



#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.067 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Tgt Ion: 83 Resp: 25761
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 0.8 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV029190.D

Acq: 19 Nov 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

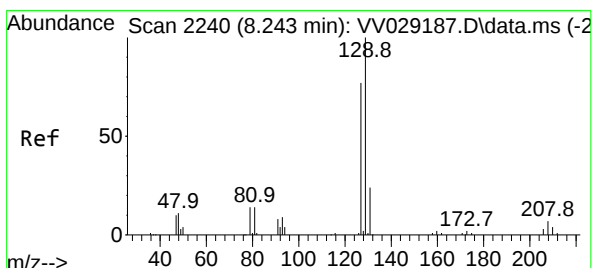
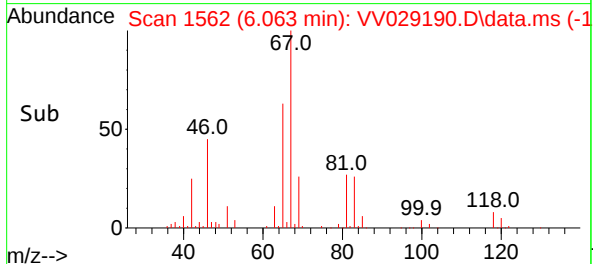
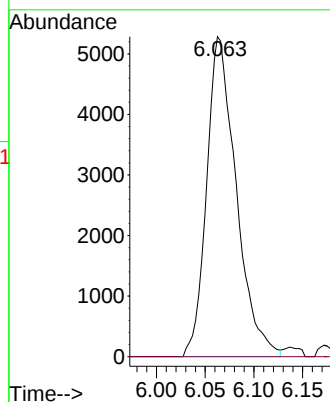
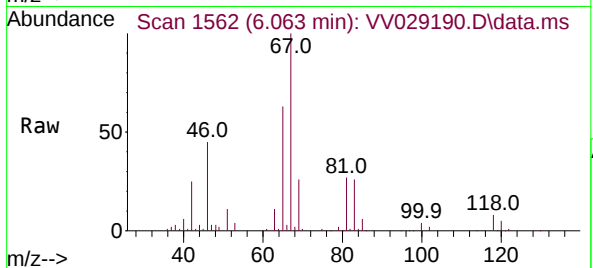
H46D5DL

Tgt Ion: 63 Resp: 11139

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#49

Dibromochloromethane

Concen: 0.036 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV029190.D

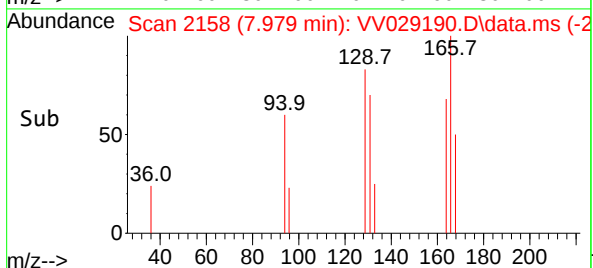
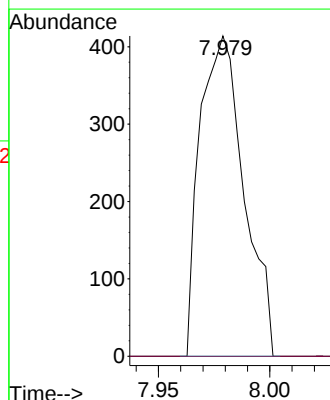
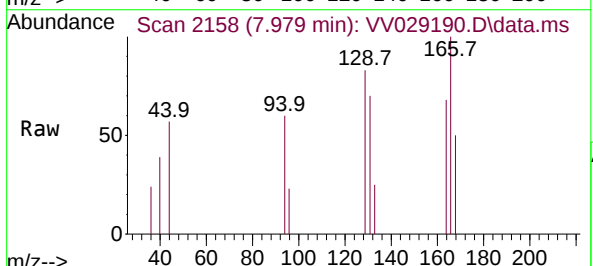
Acq: 19 Nov 2022 23:17

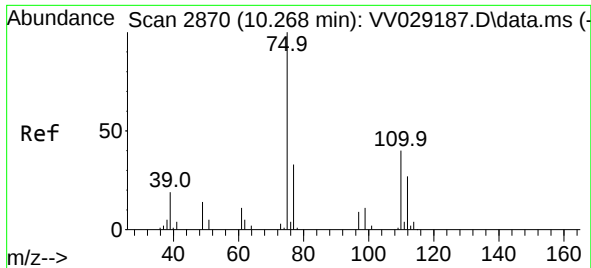
Tgt Ion: 129 Resp: 570

Ion Ratio Lower Upper

129 100

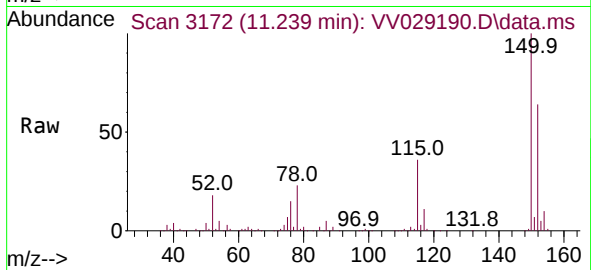
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.543 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029190.D
 Acq: 19 Nov 2022 23:17

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D5DL



Tgt Ion: 75	Resp:	13886
Ion	Ratio	Lower Upper
75	100	
77	33.2	26.2 39.2
110	2.9	32.6 48.8#

