

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028969.D
 Acq On : 15 Nov 2022 04:12
 Operator : SY/MD
 Sample : N5604-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D0

Quant Time: Nov 15 05:38:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

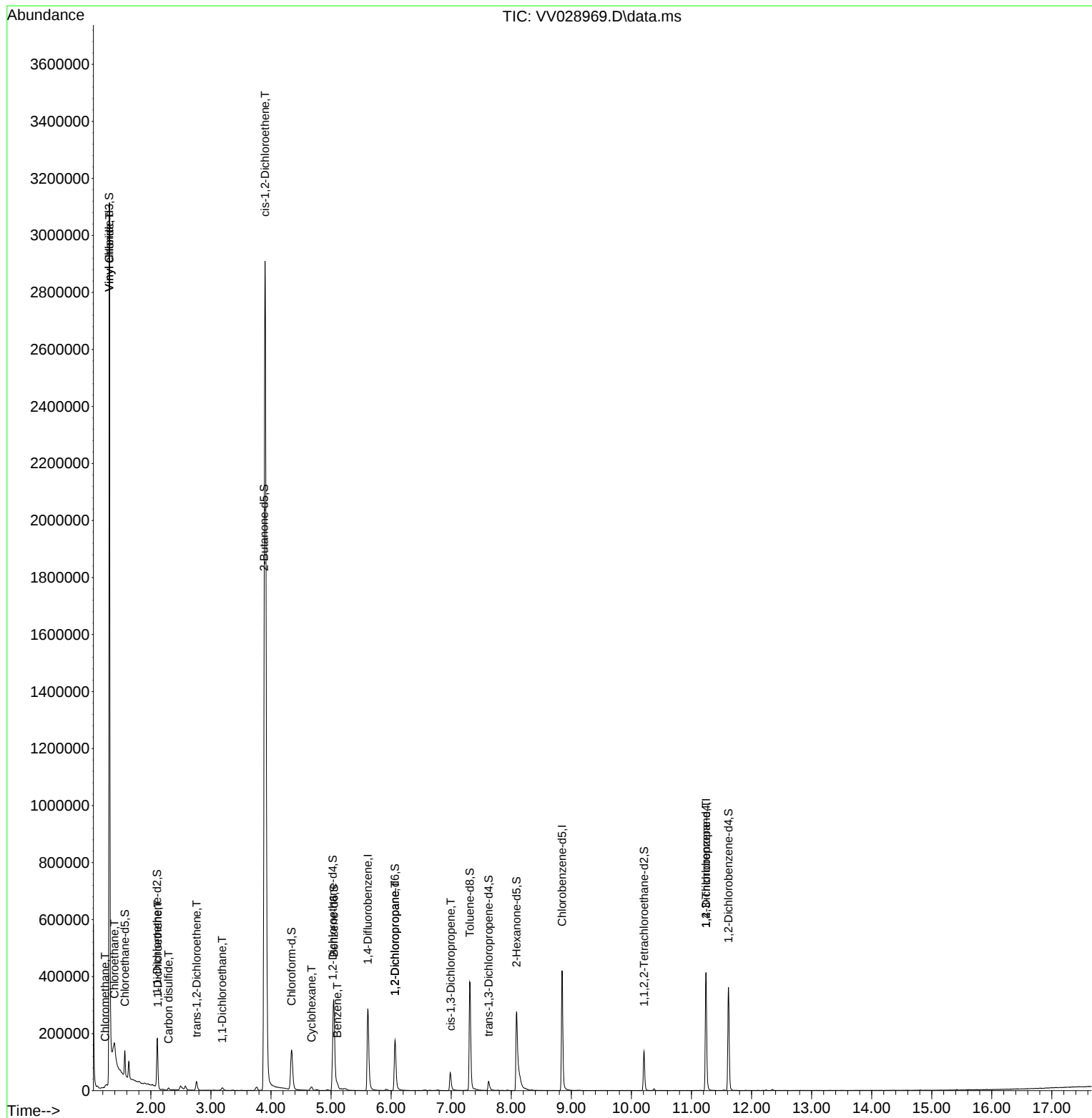
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	275601	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	254455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	121844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70684	4.207	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	59051	3.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.104	63	84193	2.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.000%#
20) 2-Butanone-d5	3.886	46	100999	35.910	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.820%
24) Chloroform-d	4.342	84	154561	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.030	65	69659	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.046	84	314218	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.066	67	93560	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.310	98	277289	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.622	79	22170	3.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.200%
46) 2-Hexanone-d5	8.088	63	145688	49.343	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.680%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70745	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	102457	4.700	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	806	0.042	ug/L	99
5) Vinyl chloride	1.310	62	2044949	94.023	ug/L	98
8) Chloroethane	1.394	64	362000	28.324	ug/L #	51
12) 1,1-Dichloroethene	2.114	96	2613	0.157	ug/L #	1
14) Carbon disulfide	2.294	76	10850	0.183	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	6000	0.310	ug/L	96
19) 1,1-Dichloroethane	3.188	63	9199	0.291	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	1732645	88.076	ug/L	97
30) Cyclohexane	4.673	56	6511	0.215	ug/L #	18
33) Benzene	5.101	78	23917	0.308	ug/L	100
37) 1,2-Dichloropropane	6.066	63	9985	0.557	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1642	0.066	ug/L #	74
61) 1,2,3-Trichloropropane	11.242	75	12562	1.509	ug/L #	65

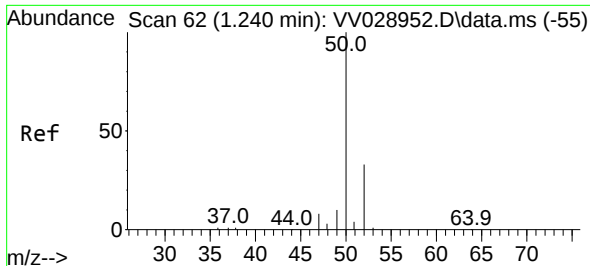
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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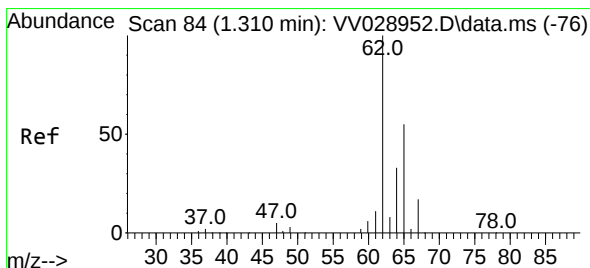
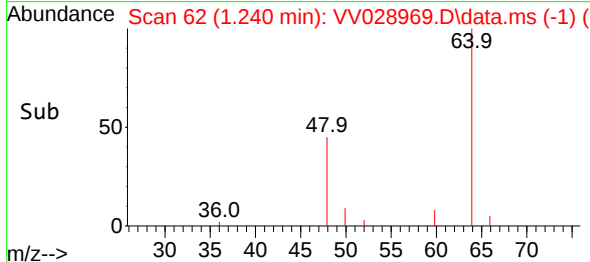
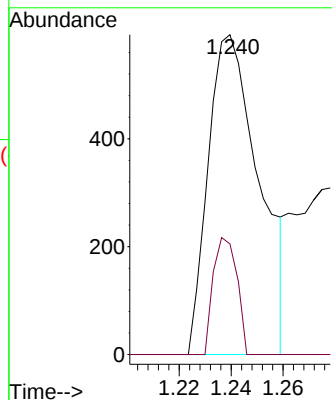
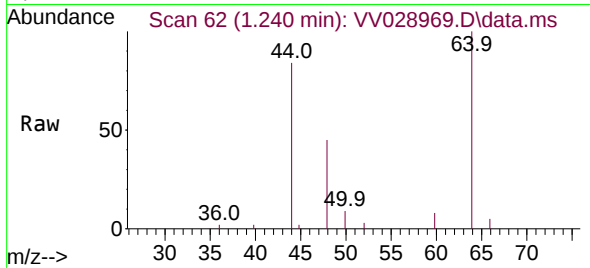




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028969.D
Acq: 15 Nov 2022 04:12

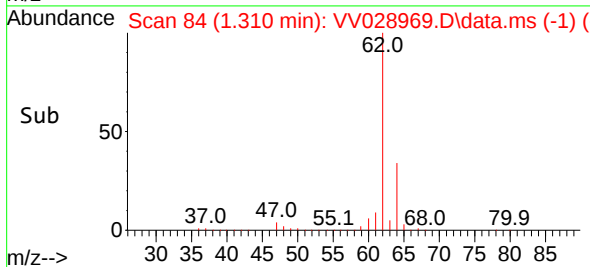
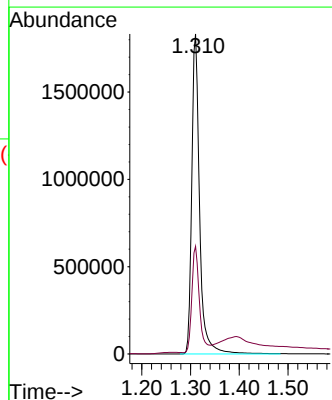
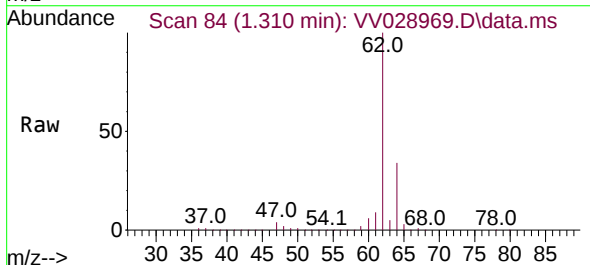
Instrument :
MSVOA_V
ClientSampleId :
H46D0

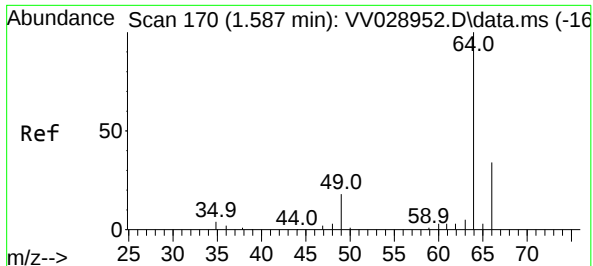
Tgt Ion: 50 Resp: 806
Ion Ratio Lower Upper
50 100
52 34.6 23.7 43.9



#5
Vinyl chloride
Concen: 94.023 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028969.D
Acq: 15 Nov 2022 04:12

Tgt Ion: 62 Resp: 2044949
Ion Ratio Lower Upper
62 100
64 33.6 22.8 42.4

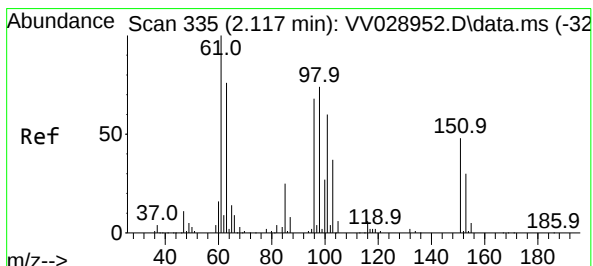
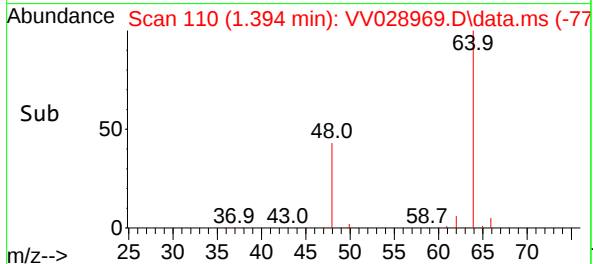
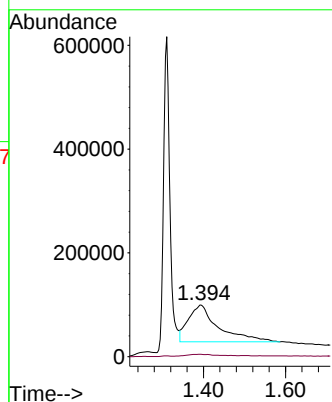
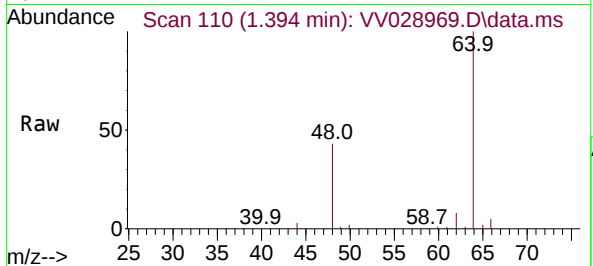




#8
Chloroethane
Concen: 28.324 ug/L
RT: 1.394 min Scan# 11
Delta R.T. -0.193 min
Lab File: VV028969.D
Acq: 15 Nov 2022 04:12

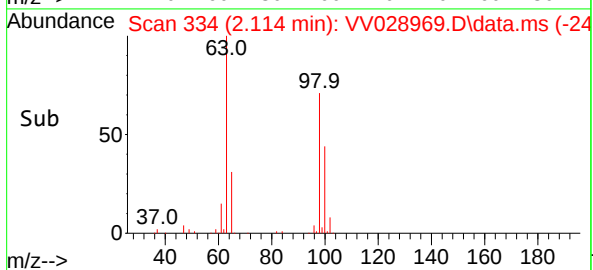
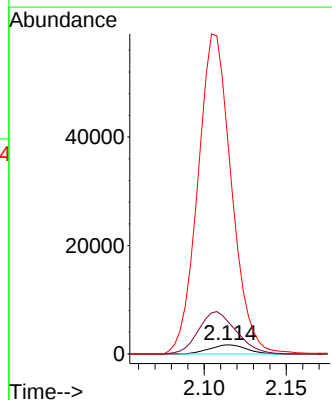
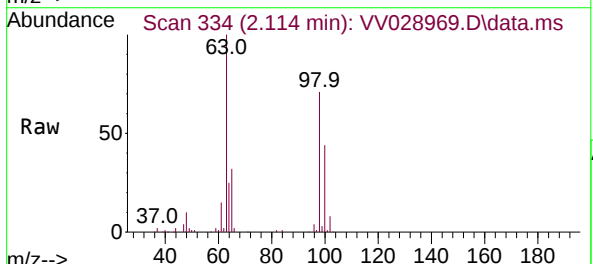
Instrument :
MSVOA_V
ClientSampleId :
H46D0

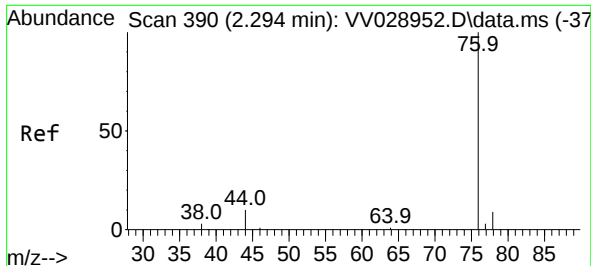
Tgt Ion: 64 Resp: 362000
Ion Ratio Lower Upper
64 100
66 4.5 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.157 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV028969.D
Acq: 15 Nov 2022 04:12

Tgt Ion: 96 Resp: 2613
Ion Ratio Lower Upper
96 100
61 360.8 104.2 193.4#
63 2383.4 75.9 140.9#

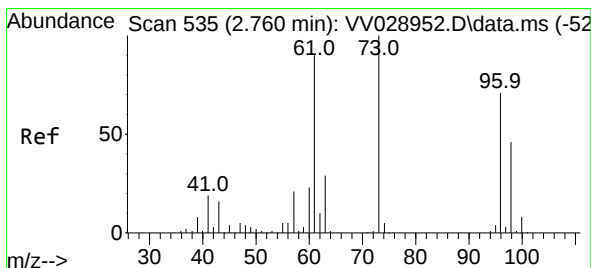
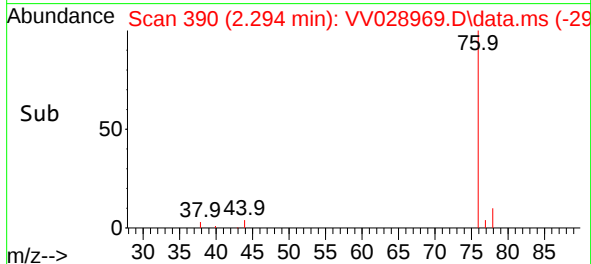
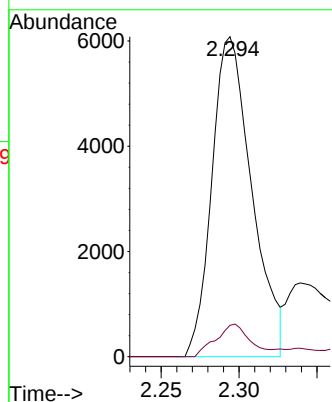
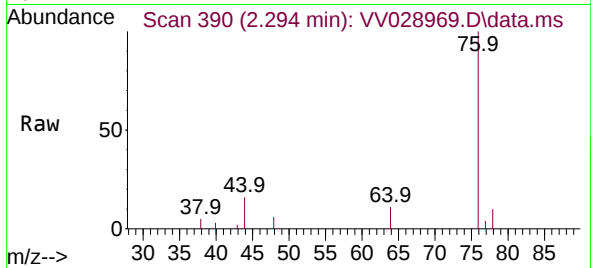




#14
Carbon disulfide
Concen: 0.183 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV028969.D
Acq: 15 Nov 2022 04:12

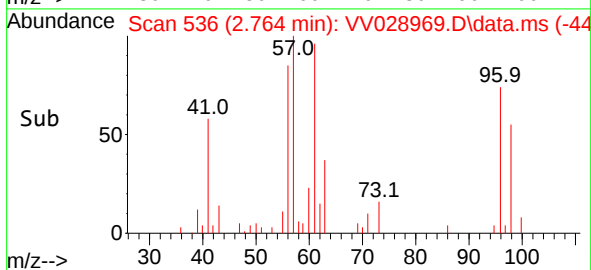
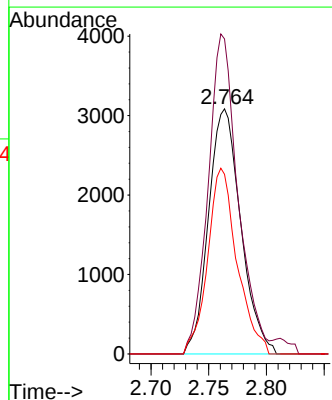
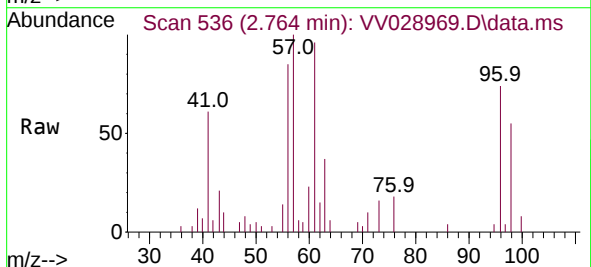
Instrument :
MSVOA_V
ClientSampleId :
H46D0

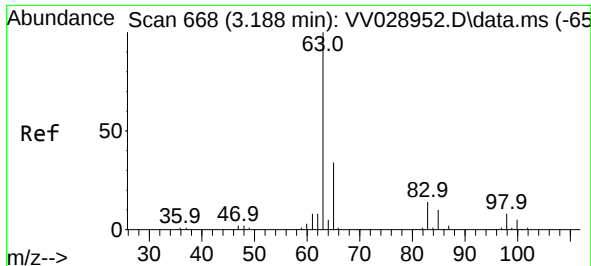
Tgt Ion: 76 Resp: 10850
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
trans-1,2-Dichloroethene
Concen: 0.310 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV028969.D
Acq: 15 Nov 2022 04:12

Tgt Ion: 96 Resp: 6000
Ion Ratio Lower Upper
96 100
61 128.5 91.8 170.6
98 73.3 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.291 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028969.D

Acq: 15 Nov 2022 04:12

Instrument :

MSVOA_V

ClientSampleId :

H46D0

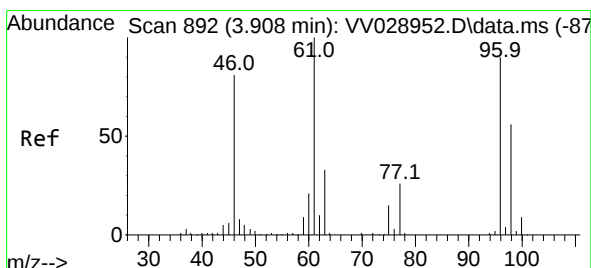
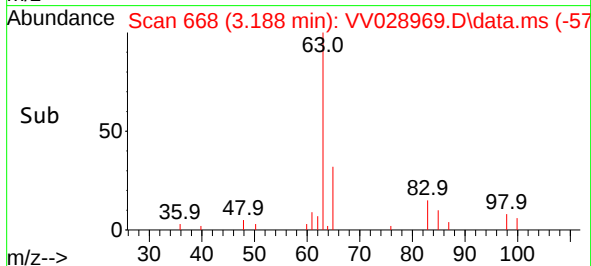
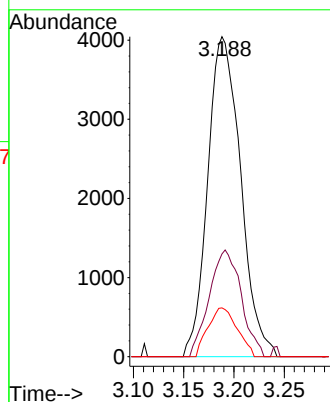
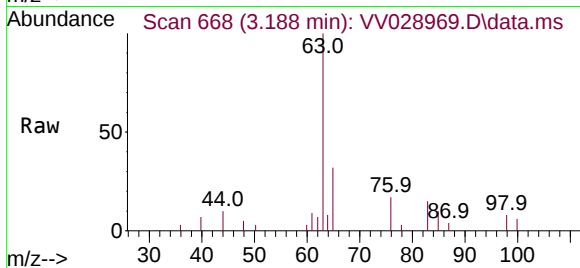
Tgt Ion: 63 Resp: 9199

Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.6

83 15.3 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 88.076 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV028969.D

Acq: 15 Nov 2022 04:12

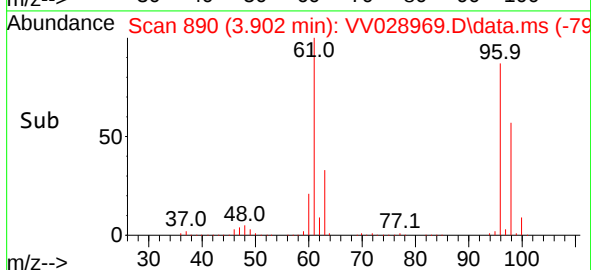
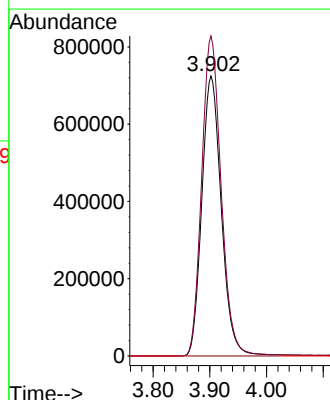
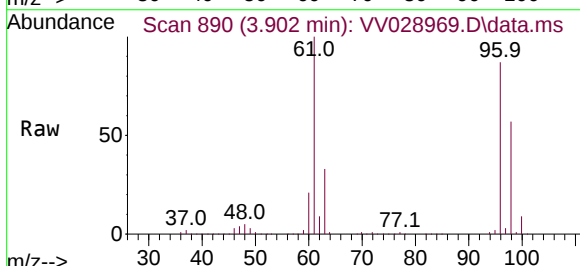
Tgt Ion: 96 Resp: 1732645

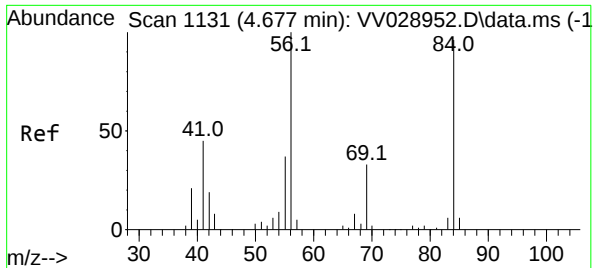
Ion Ratio Lower Upper

96 100

61 114.3 82.3 152.9

68 0.0 0.0 0.0

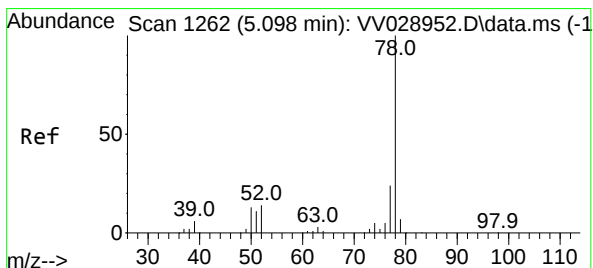
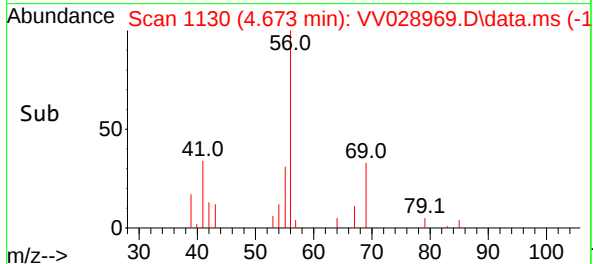
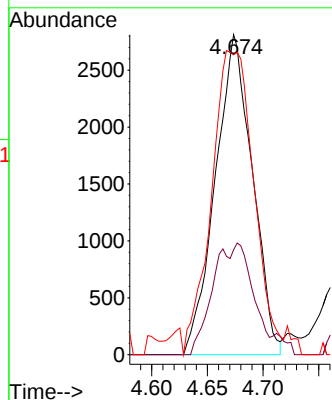
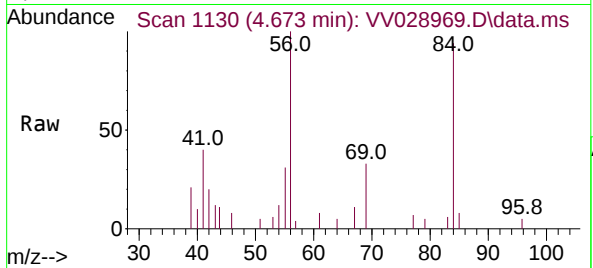




#30
Cyclohexane
Concen: 0.215 ug/L
RT: 4.673 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV028969.D
Acq: 15 Nov 2022 04:12

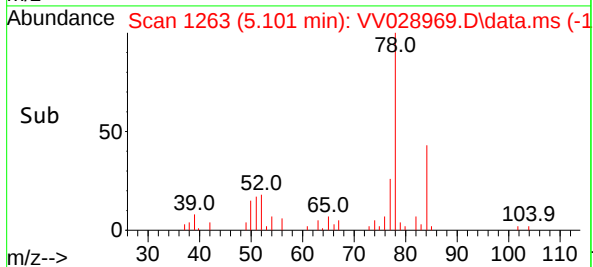
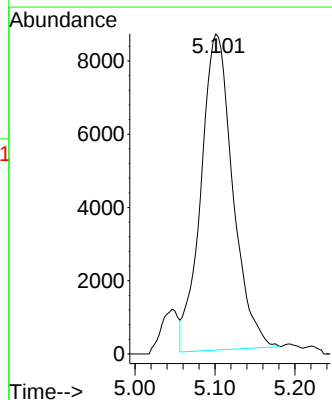
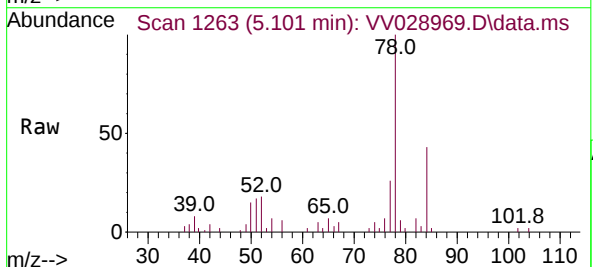
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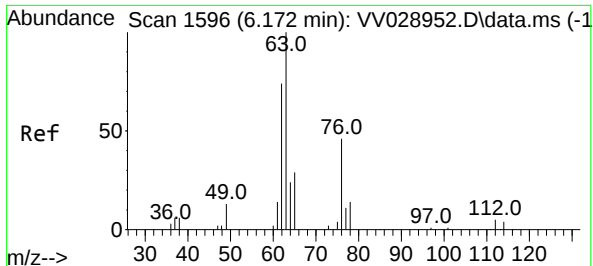
Tgt Ion: 56 Resp: 6511
Ion Ratio Lower Upper
56 100
69 15.7 26.1 39.1#
84 0.0 77.9 116.9#



#33
Benzene
Concen: 0.308 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV028969.D
Acq: 15 Nov 2022 04:12

Tgt Ion: 78 Resp: 23917





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV028969.D

Acq: 15 Nov 2022 04:12

Instrument :

MSVOA_V

ClientSampleId :

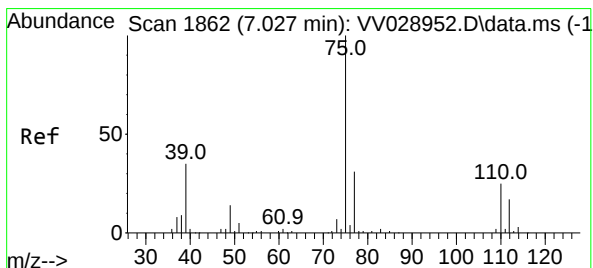
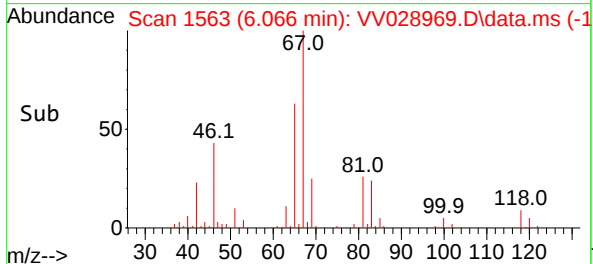
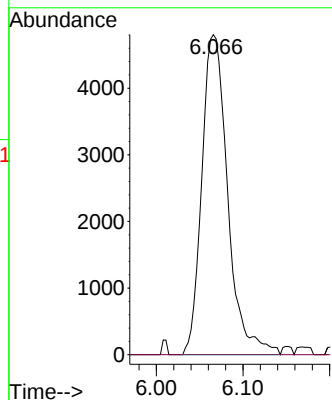
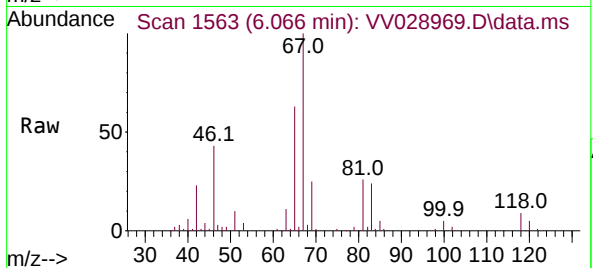
H46D0

Tgt Ion: 63 Resp: 9985

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV028969.D

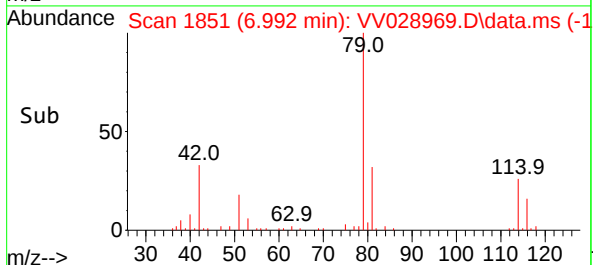
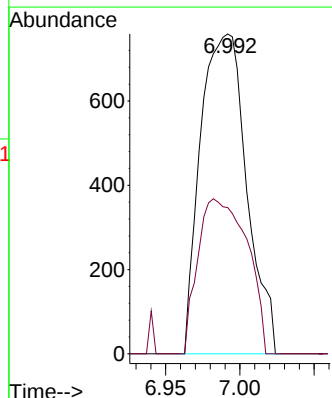
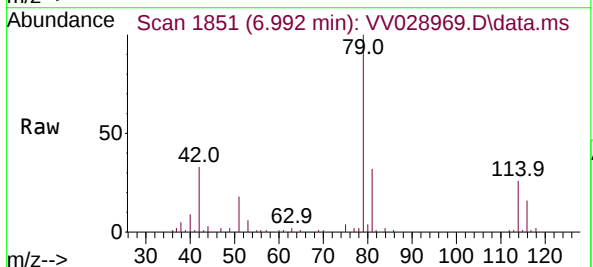
Acq: 15 Nov 2022 04:12

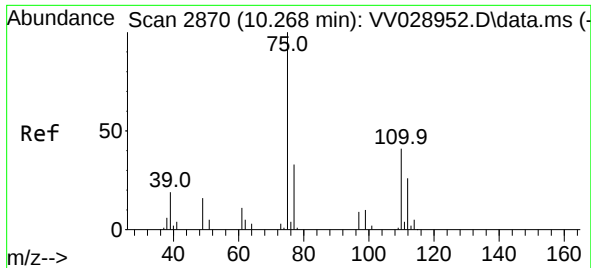
Tgt Ion: 75 Resp: 1642

Ion Ratio Lower Upper

75 100

77 45.7 21.8 40.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.509 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028969.D
 Acq: 15 Nov 2022 04:12

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D0

Tgt Ion: 75 Resp: 12562
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2
 110 2.7 32.6 48.8#

