

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029063.D
 Acq On : 17 Nov 2022 15:03
 Operator : SY/MD
 Sample : N5604-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C7

Quant Time: Nov 18 01:42:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

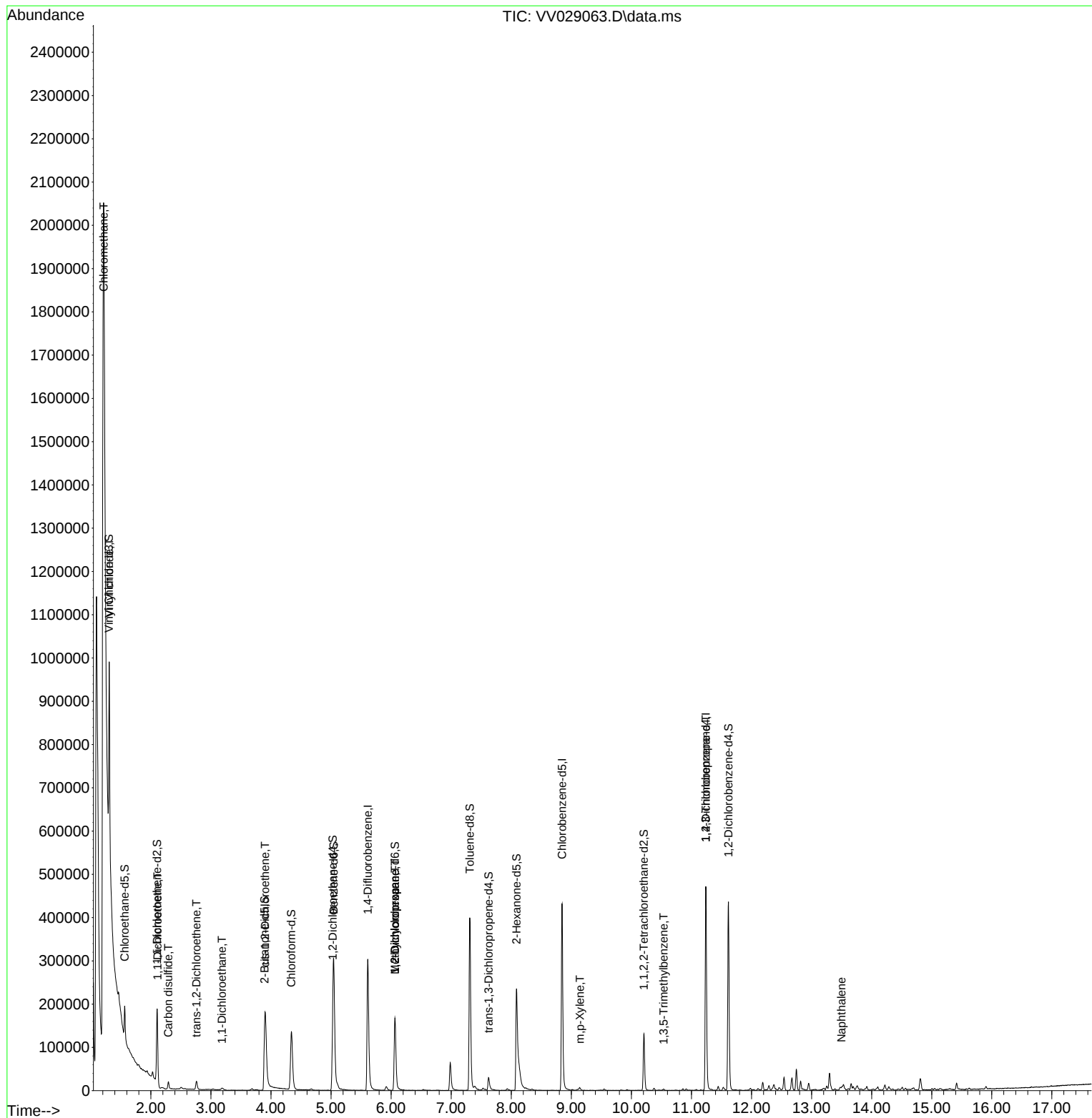
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	287202	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	137404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67369	3.848	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.565	69	50298	3.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.400%
11) 1,1-Dichloroethene-d2	2.105	63	79928	2.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.000%#
20) 2-Butanone-d5	3.892	46	86150	29.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.780%
24) Chloroform-d	4.339	84	148424	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.027	65	63999	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
32) Benzene-d6	5.043	84	305853	3.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.063	67	88460	4.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.310	98	291712	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.622	79	21359	2.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.200%
46) 2-Hexanone-d5	8.088	63	117176	38.071	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.140%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64939	4.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	121958	4.961	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	106874	5.379	ug/L #	43
5) Vinyl chloride	1.307	62	249494	11.008	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	2381	0.137	ug/L #	1
14) Carbon disulfide	2.291	76	21273	0.345	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	6927	0.344	ug/L	95
19) 1,1-Dichloroethane	3.182	63	4084	0.124	ug/L #	93
22) cis-1,2-Dichloroethene	3.902	96	95786	4.672	ug/L	91
35) Methylcyclohexane	6.066	83	22219	0.609	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9209	0.493	ug/L #	85
53) m,p-Xylene	9.143	106	1787	0.049	ug/L	71
61) 1,2,3-Trichloropropane	11.239	75	13093	1.394	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.535	105	2272	0.030	ug/L	89
71) Naphthalene	13.500	128	5593	0.177	ug/L #	84

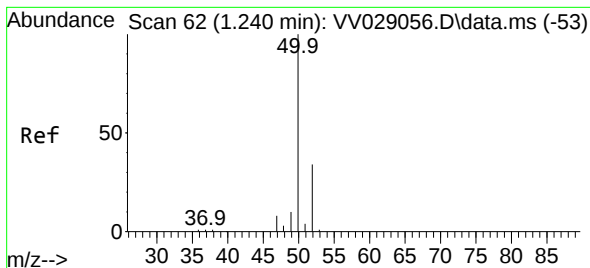
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 5.379 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.026 min

Lab File: VV029063.D

Acq: 17 Nov 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

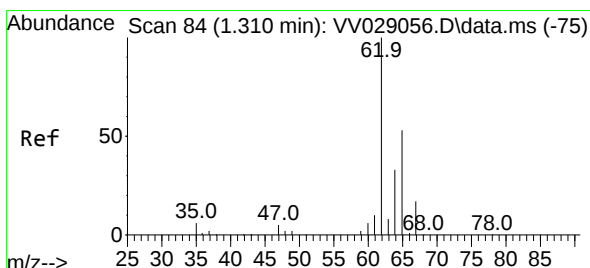
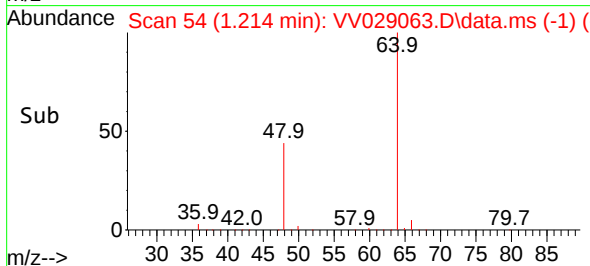
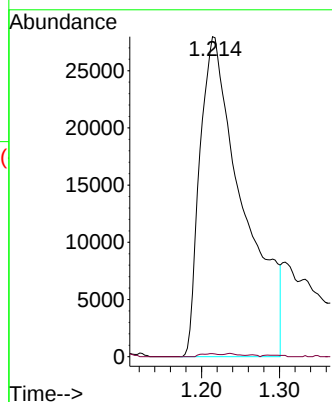
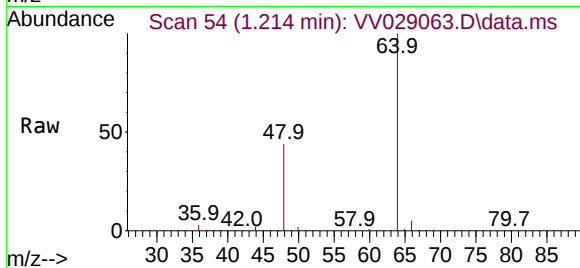
H46C7

Tgt Ion: 50 Resp: 106874

Ion Ratio Lower Upper

50 100

52 1.0 23.7 43.9#



#5

Vinyl chloride

Concen: 11.008 ug/L

RT: 1.307 min Scan# 83

Delta R.T. -0.003 min

Lab File: VV029063.D

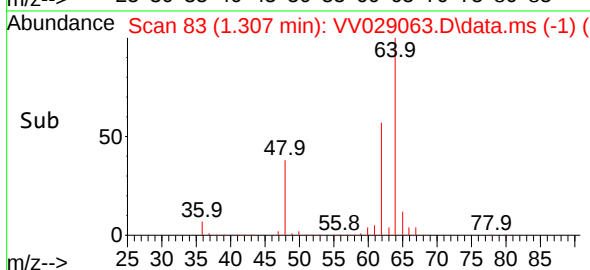
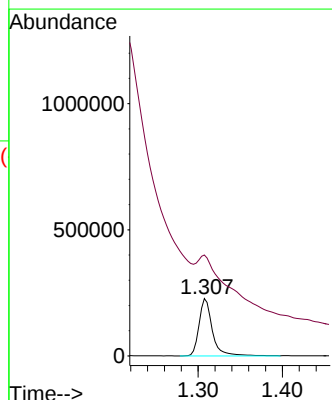
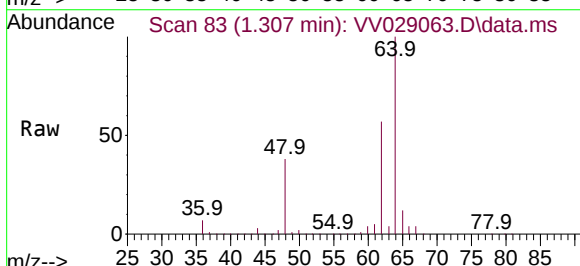
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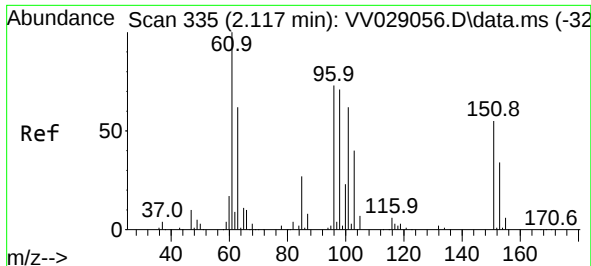
Tgt Ion: 62 Resp: 249494

Ion Ratio Lower Upper

62 100

64 175.9 22.8 42.4#

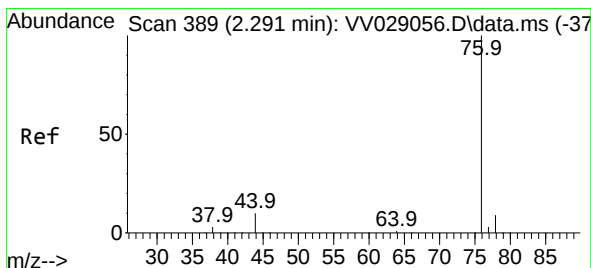
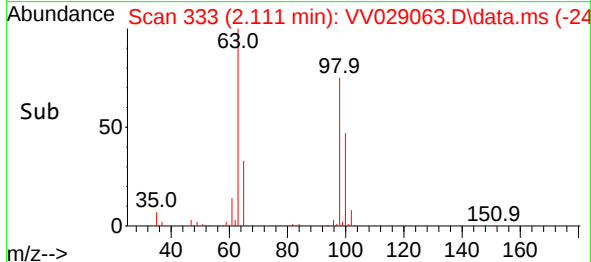
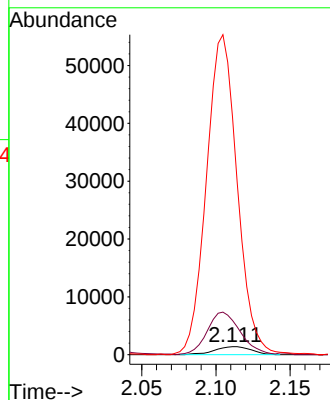
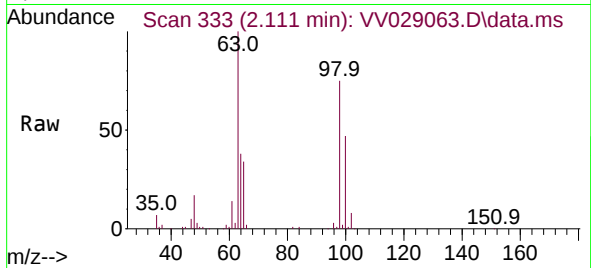




#12
1,1-Dichloroethene
Concen: 0.137 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV029063.D
Acq: 17 Nov 2022 15:03

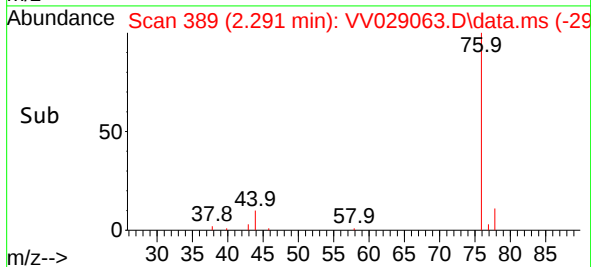
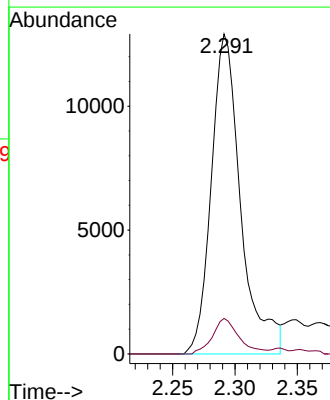
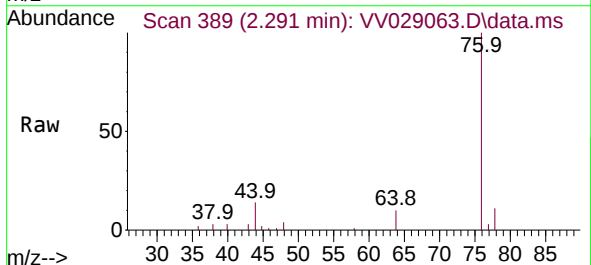
Instrument :
MSVOA_V
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H46C7

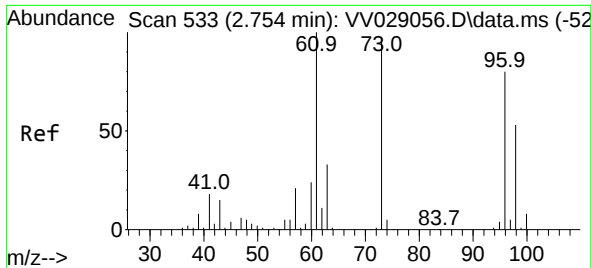
Tgt Ion: 96 Resp: 2381
Ion Ratio Lower Upper
96 100
61 425.1 104.2 193.4#
63 2949.0 75.9 140.9#



#14
Carbon disulfide
Concen: 0.345 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029063.D
Acq: 17 Nov 2022 15:03

Tgt Ion: 76 Resp: 21273
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2

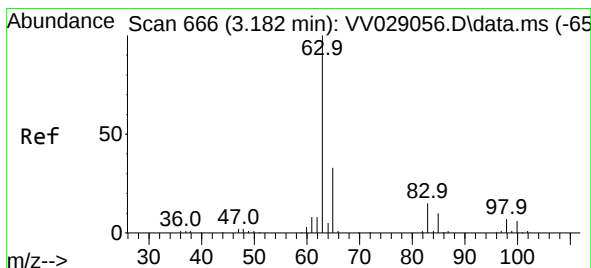
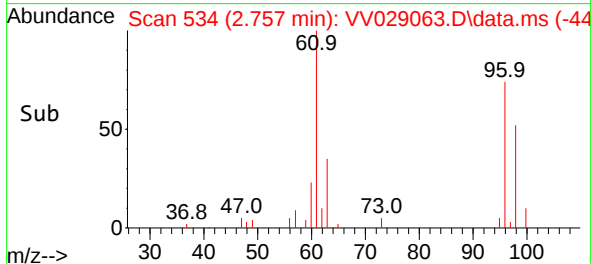
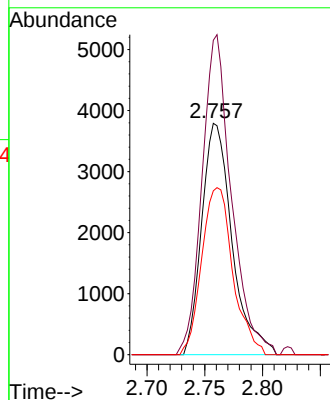
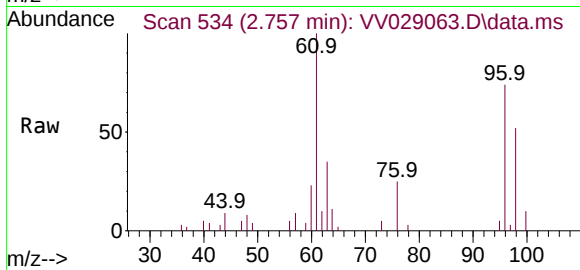




#18
trans-1,2-Dichloroethene
Concen: 0.344 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV029063.D
Acq: 17 Nov 2022 15:03

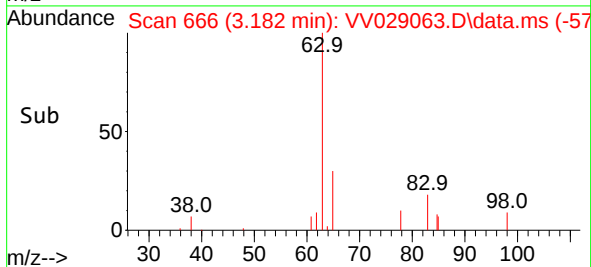
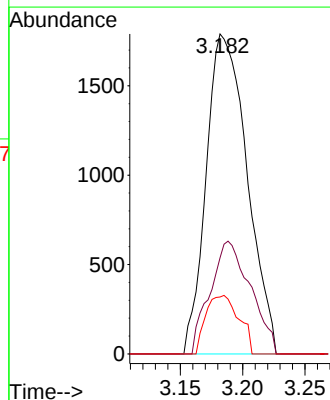
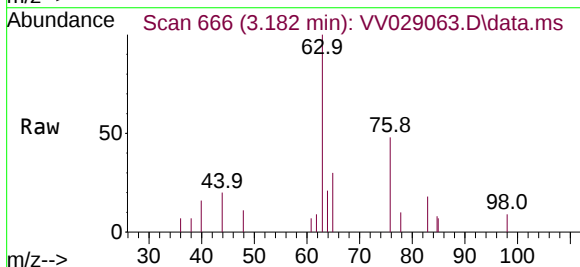
Instrument :
MSVOA_V
ClientSampleId :
H46C7

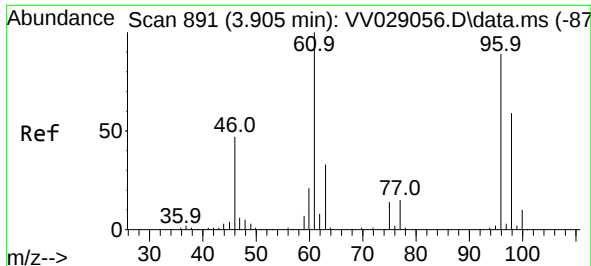
Tgt Ion: 96 Resp: 6927
Ion Ratio Lower Upper
96 100
61 135.9 91.8 170.6
98 70.8 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.124 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV029063.D
Acq: 17 Nov 2022 15:03

Tgt Ion: 63 Resp: 4084
Ion Ratio Lower Upper
63 100
65 30.1 23.0 42.6
83 17.8 9.4 17.6#

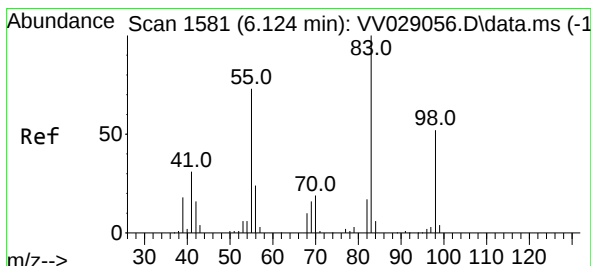
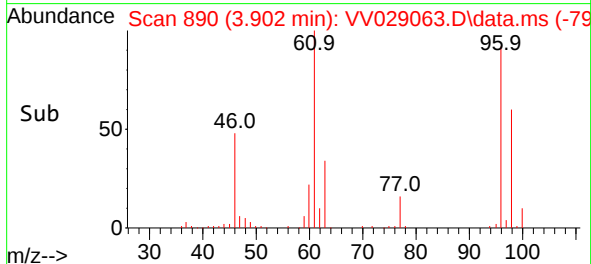
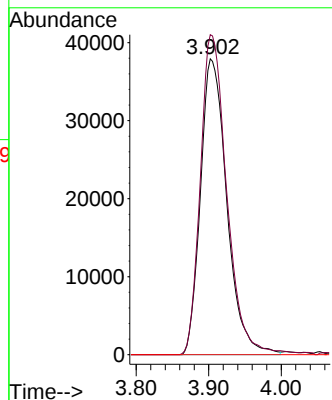
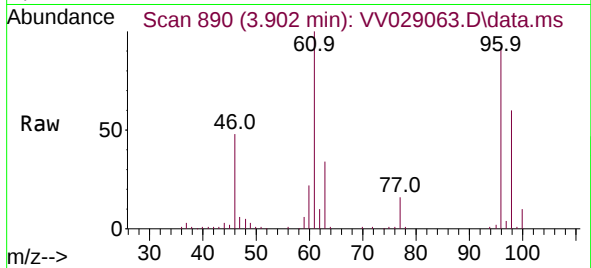




#22
 cis-1,2-Dichloroethene
 Concen: 4.672 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV029063.D
 Acq: 17 Nov 2022 15:03

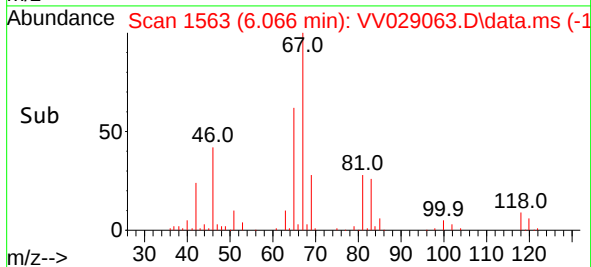
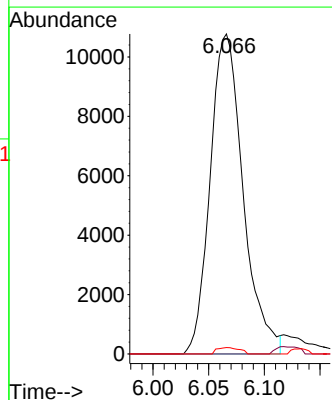
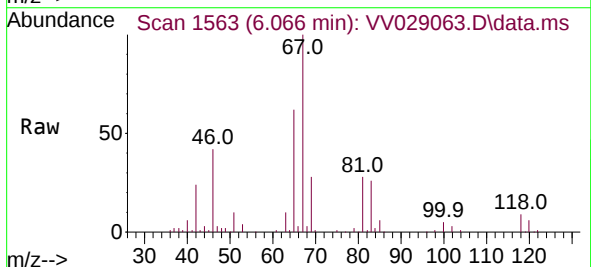
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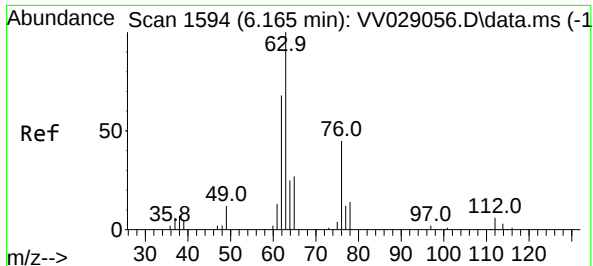
Tgt Ion: 96 Resp: 95786
 Ion Ratio Lower Upper
 96 100
 61 108.2 82.3 152.9
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.609 ug/L
 RT: 6.066 min Scan# 1563
 Delta R.T. -0.058 min
 Lab File: VV029063.D
 Acq: 17 Nov 2022 15:03

Tgt Ion: 83 Resp: 22219
 Ion Ratio Lower Upper
 83 100
 55 0.0 55.8 83.6#
 98 1.4 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029063.D

Acq: 17 Nov 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

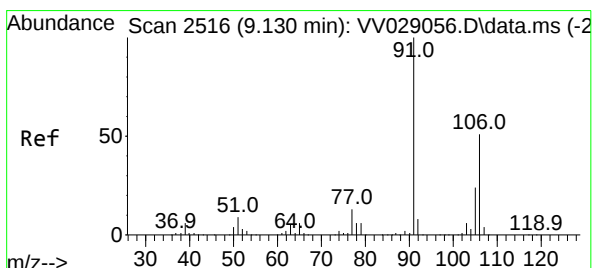
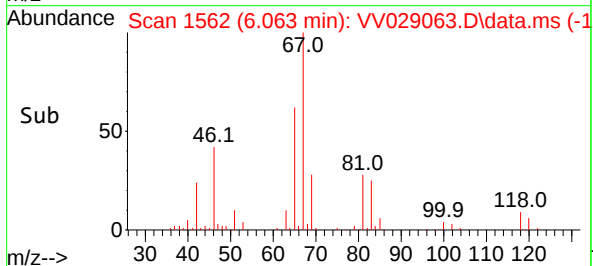
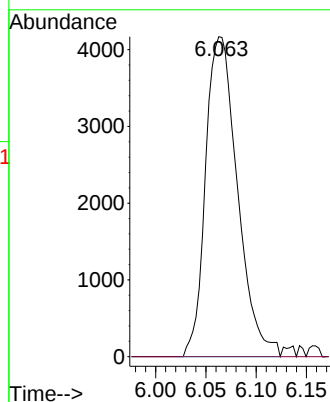
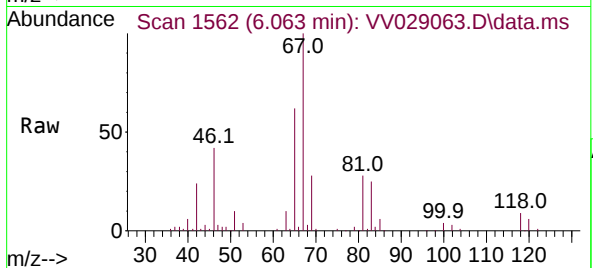
H46C7

Tgt Ion: 63 Resp: 9209

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#53

m,p-Xylene

Concen: 0.049 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.013 min

Lab File: VV029063.D

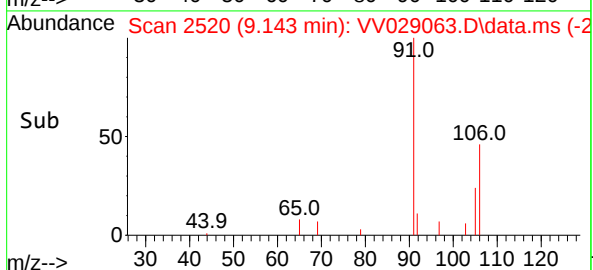
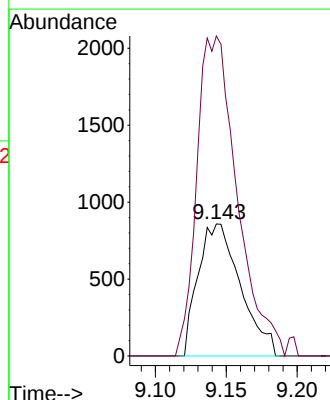
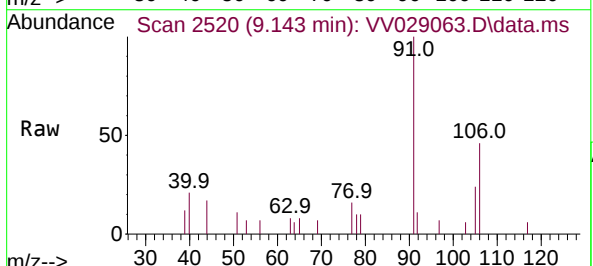
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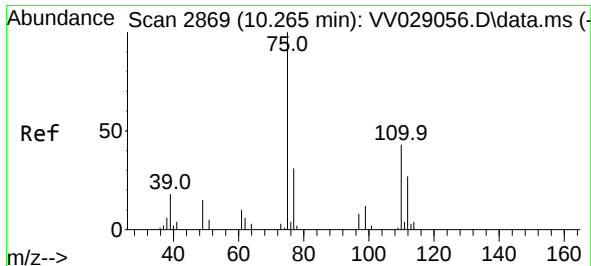
Tgt Ion: 106 Resp: 1787

Ion Ratio Lower Upper

106 100

91 242.4 139.1 258.3

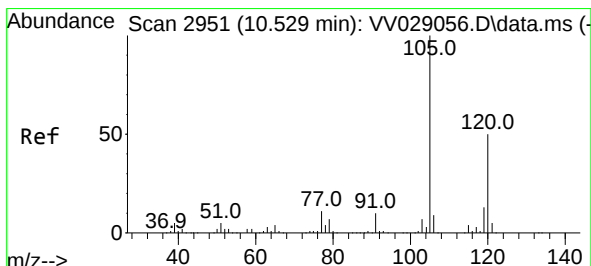
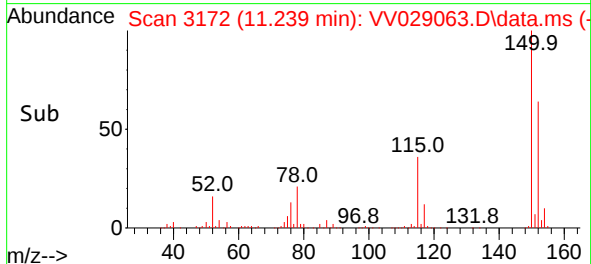
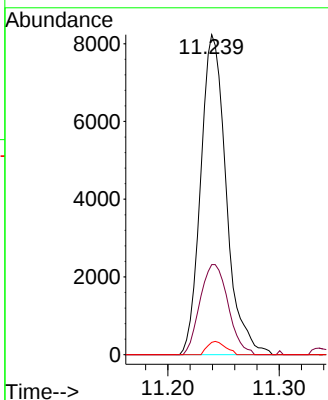
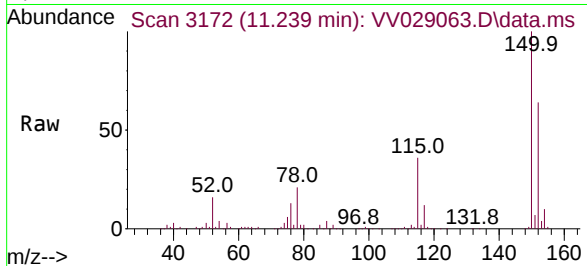




#61
1,2,3-Trichloropropane
Concen: 1.394 ug/L
RT: 11.239 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV029063.D
Acq: 17 Nov 2022 15:03

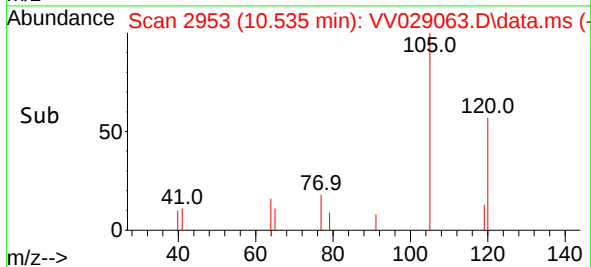
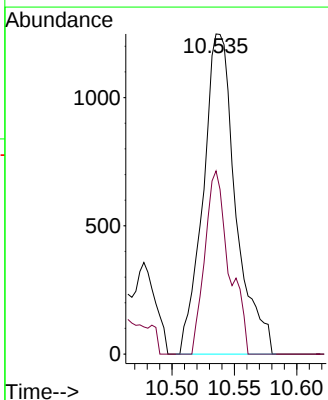
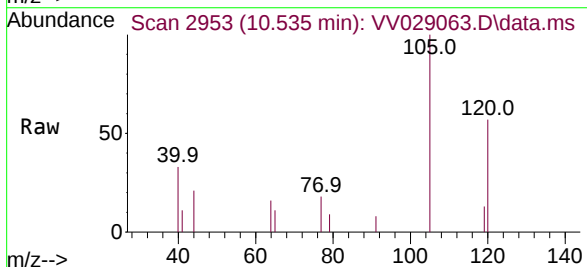
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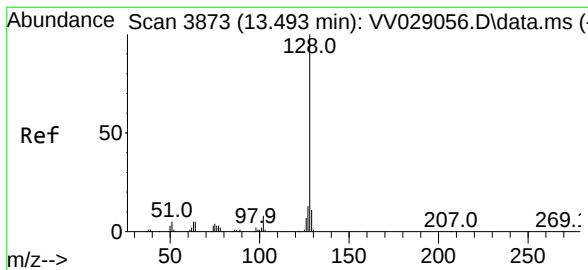
Tgt Ion: 75 Resp: 13093
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2
110 3.0 32.6 48.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.030 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.007 min
Lab File: VV029063.D
Acq: 17 Nov 2022 15:03

Tgt Ion: 105 Resp: 2272
Ion Ratio Lower Upper
105 100
120 42.6 39.9 59.9





#71
Naphthalene
Concen: 0.177 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.007 min
Lab File: VV029063.D
Acq: 17 Nov 2022 15:03

Instrument :
MSVOA_V
ClientSampleId :
H46C7

Tgt Ion:	128	Resp:	5593
Ion	Ratio	Lower	Upper
128	100		
129	19.1	8.8	13.2#
127	16.7	9.8	14.8#

