

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029069.D
 Acq On : 17 Nov 2022 17:24
 Operator : SY/MD
 Sample : N5628-04DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL14DL

Quant Time: Nov 18 01:43:53 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)

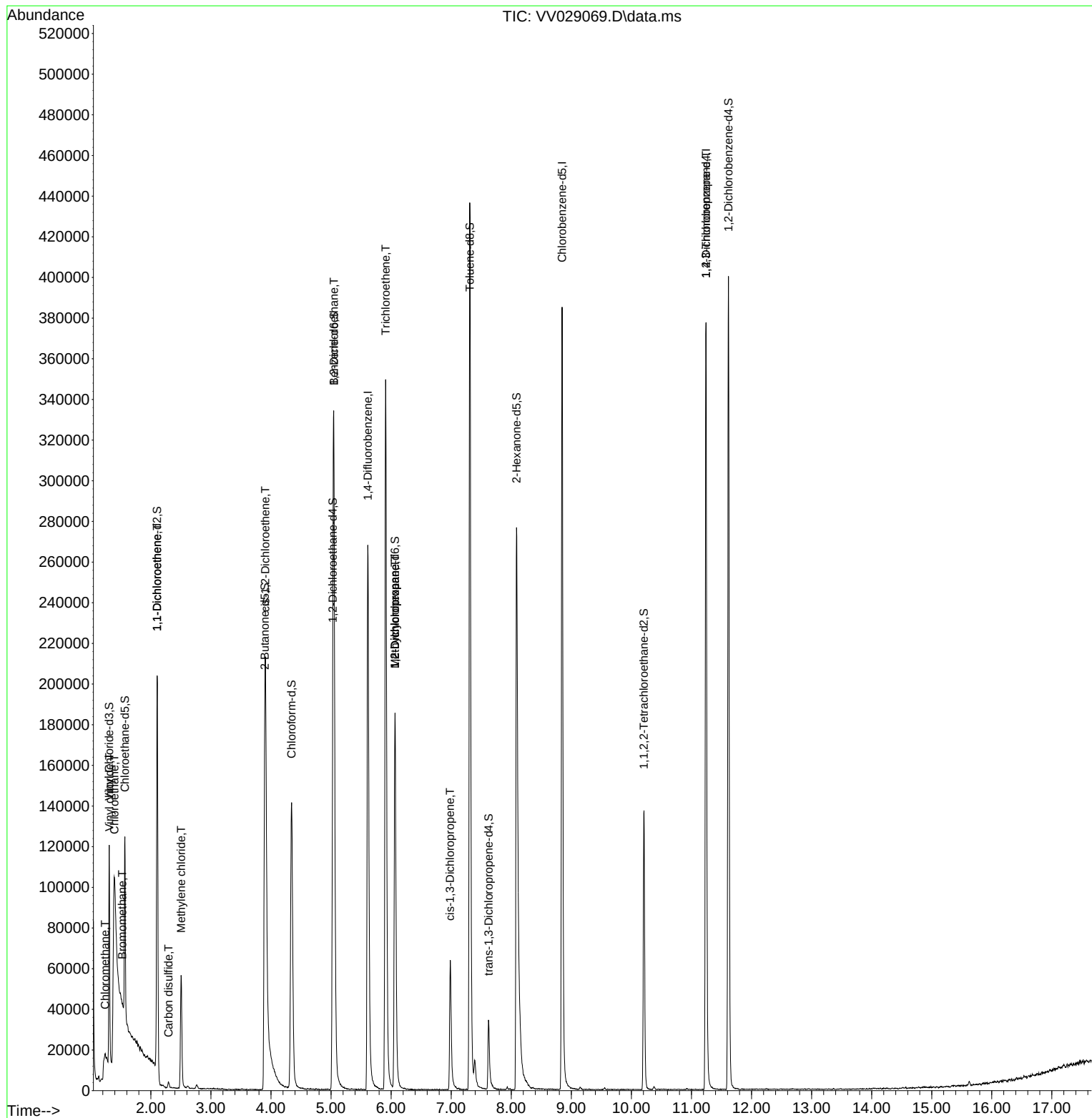
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	261314	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	240913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	112270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70462	4.423	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.568	69	58097	4.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.105	63	95261	3.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.896	46	154744	58.027	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.060%
24) Chloroform-d	4.343	84	158640	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.027	65	72308	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.047	84	339602	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.066	67	96724	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.310	98	316378	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.622	79	23798	3.634	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.088	63	127102	45.468	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.940%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68341	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	115604	5.755	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1482	0.082	ug/L	93
5) Vinyl chloride	1.310	62	8256	0.400	ug/L #	1
6) Bromomethane	1.523	94	654	0.053	ug/L	100
8) Chloroethane	1.394	64	293982	24.260	ug/L #	52
12) 1,1-Dichloroethene	2.105	96	1283	0.081	ug/L #	1
14) Carbon disulfide	2.294	76	4101	0.073	ug/L #	82
16) Methylene chloride	2.507	84	26174	1.280	ug/L	89
22) cis-1,2-Dichloroethene	3.905	96	99460	5.332	ug/L	93
27) 1,2-Dichloroethane	5.047	62	1851	0.114	ug/L #	70
34) Trichloroethene	5.908	95	126380	6.706	ug/L	96
35) Methylcyclohexane	6.066	83	23866	0.721	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10476	0.617	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1584	0.067	ug/L	87
61) 1,2,3-Trichloropropane	11.243	75	10763	1.403	ug/L #	65

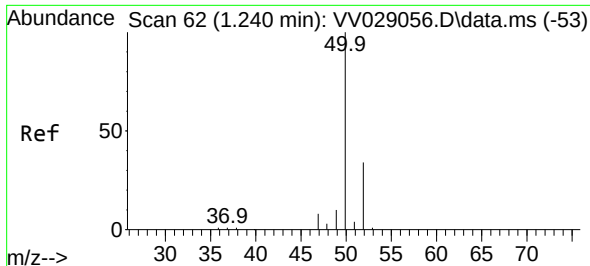
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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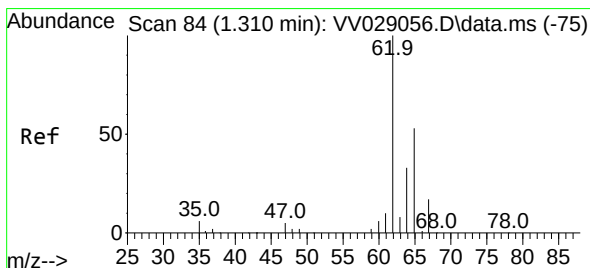
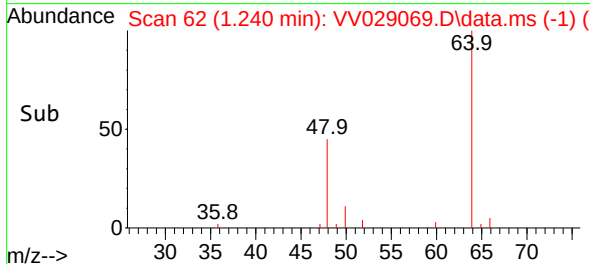
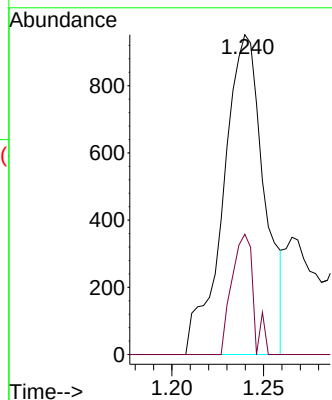
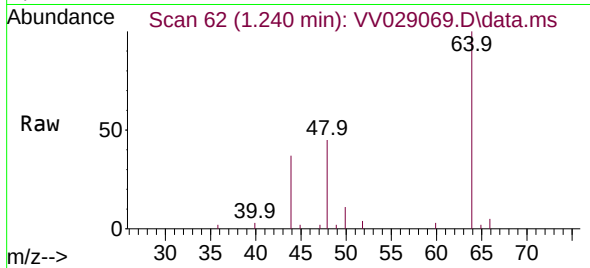




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

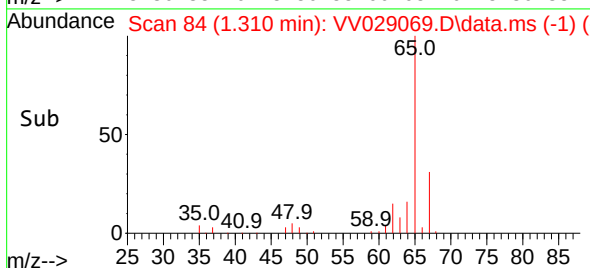
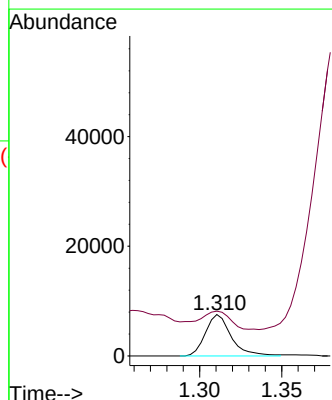
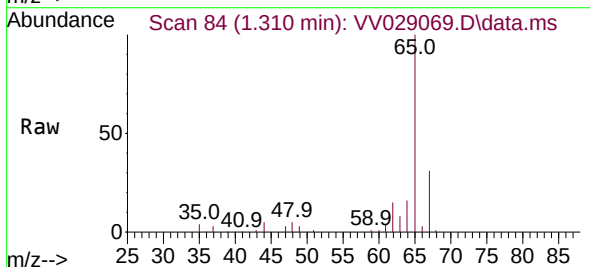
Instrument :
MSVOA_V
ClientSampleId :
COL14DL

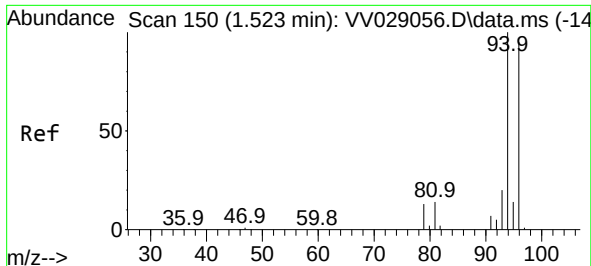
Tgt Ion: 50 Resp: 1482
Ion Ratio Lower Upper
50 100
52 37.6 23.7 43.9



#5
Vinyl chloride
Concen: 0.400 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

Tgt Ion: 62 Resp: 8256
Ion Ratio Lower Upper
62 100
64 108.1 22.8 42.4#

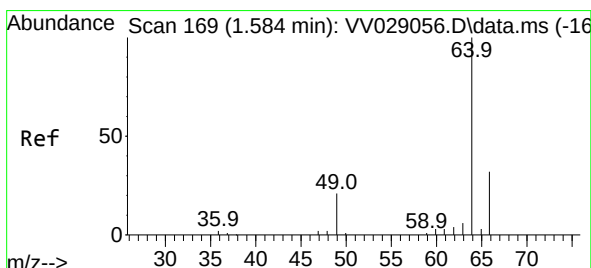
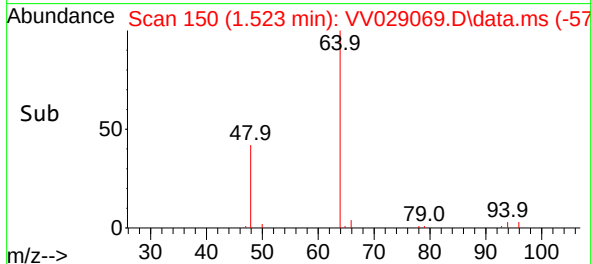
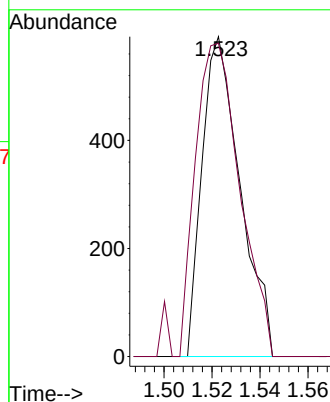
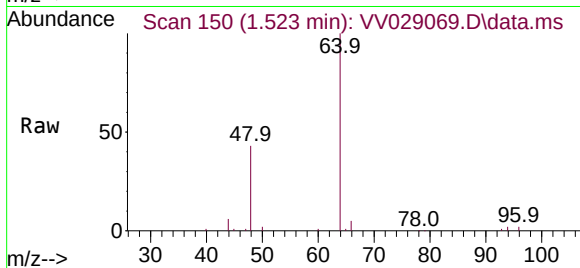




#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.523 min Scan# 110
Delta R.T. 0.000 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

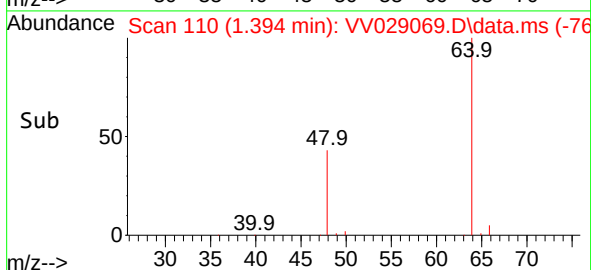
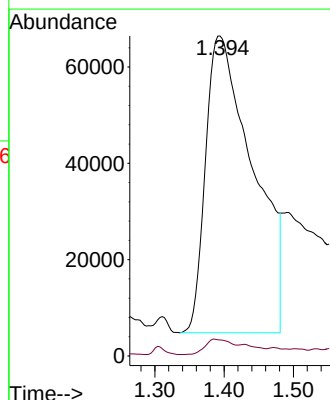
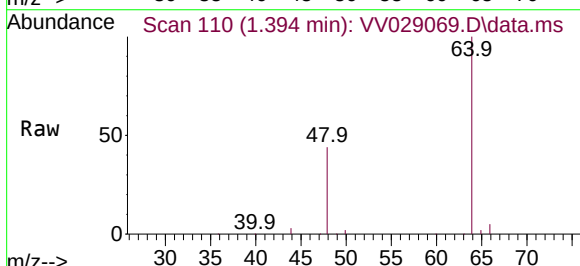
Instrument :
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ClientSampleId :
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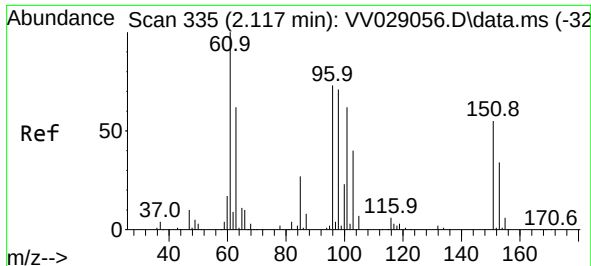
Tgt Ion: 94 Resp: 654
Ion Ratio Lower Upper
94 100
96 98.0 68.5 127.3



#8
Chloroethane
Concen: 24.260 ug/L
RT: 1.394 min Scan# 110
Delta R.T. -0.190 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

Tgt Ion: 64 Resp: 293982
Ion Ratio Lower Upper
64 100
66 5.0 22.0 40.8#

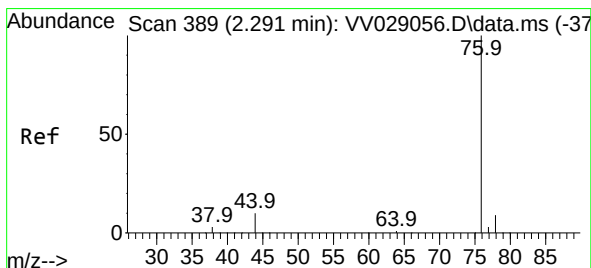
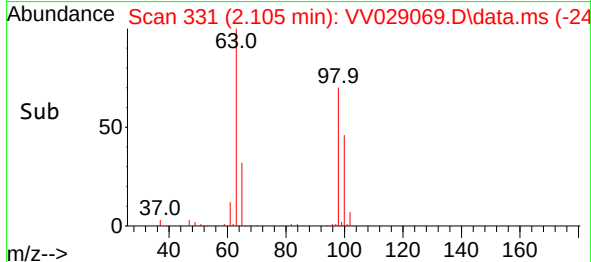
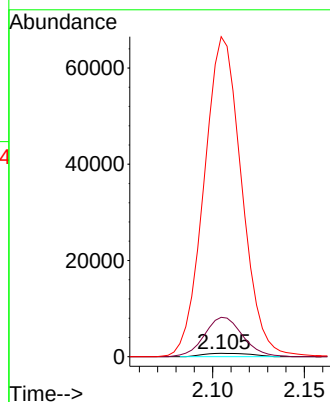
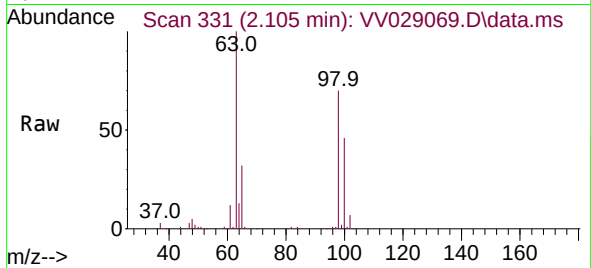




#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

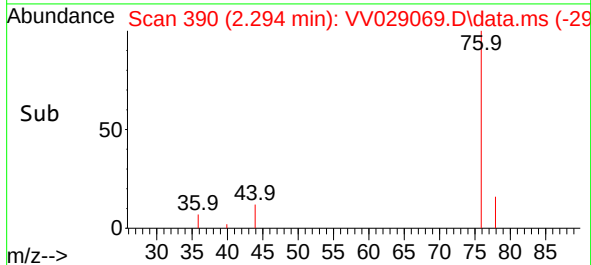
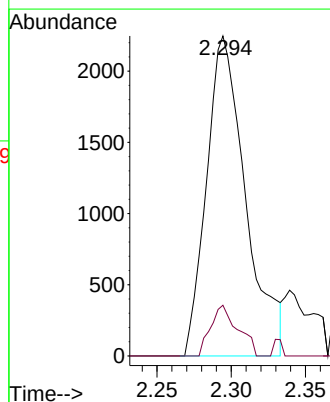
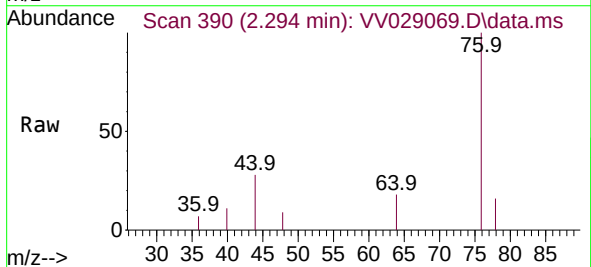
Instrument :
MSVOA_V
ClientSampleId :
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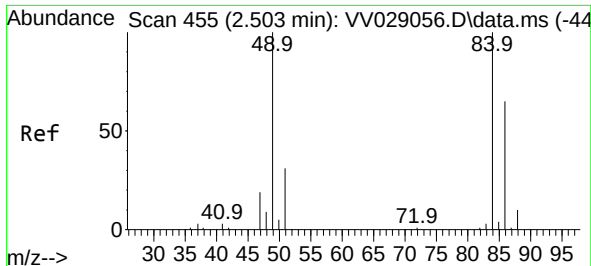
Tgt Ion: 96 Resp: 1283
Ion Ratio Lower Upper
96 100
61 1194.3 104.2 193.4#
63 9695.6 75.9 140.9#



#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

Tgt Ion: 76 Resp: 4101
Ion Ratio Lower Upper
76 100
78 15.8 7.4 11.2#

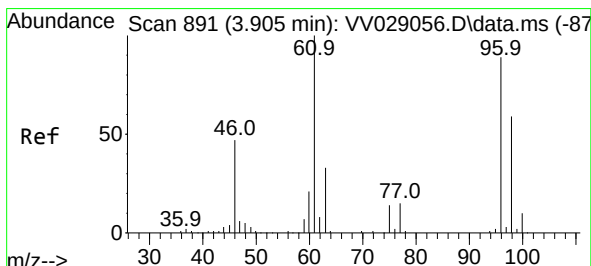
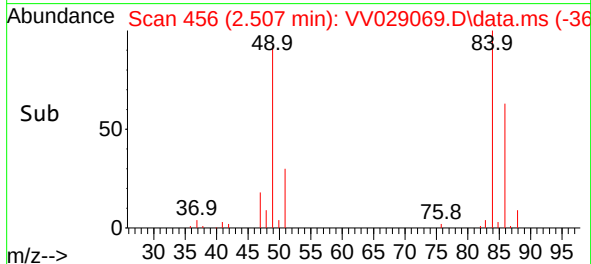
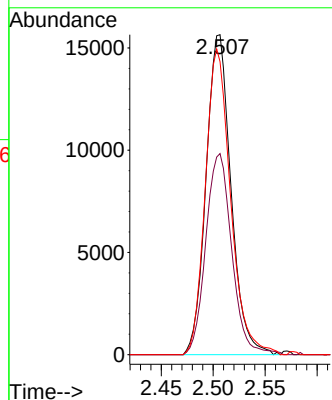
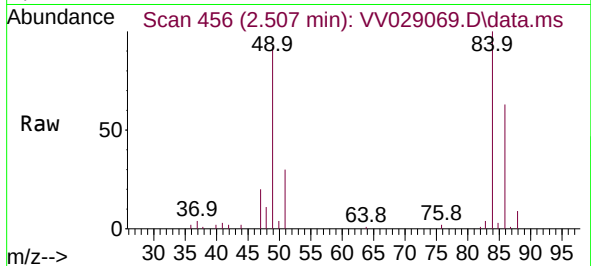




#16
Methylene chloride
Concen: 1.280 ug/L
RT: 2.507 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

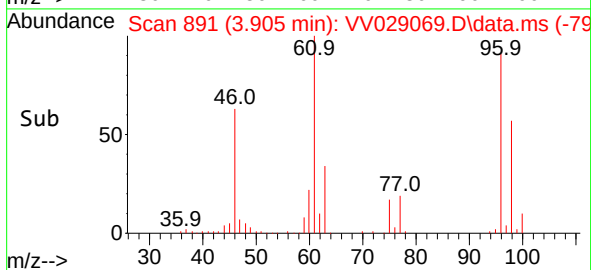
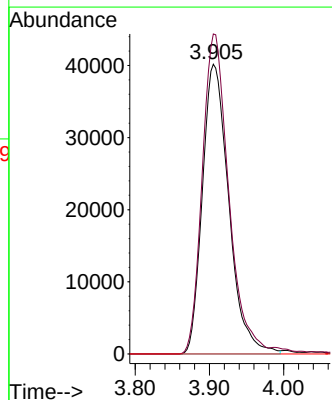
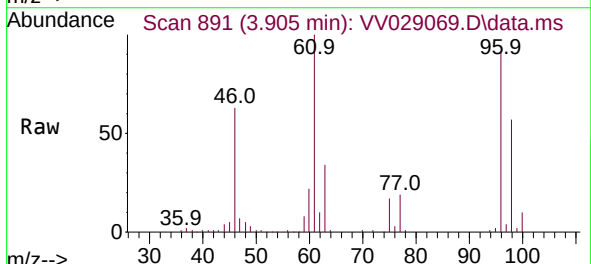
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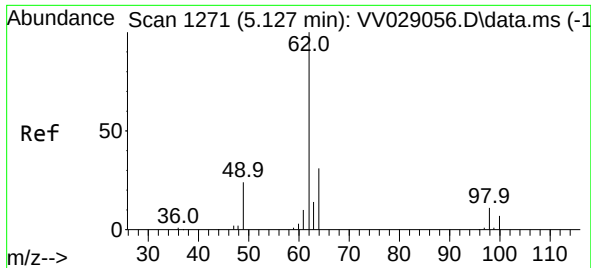
Tgt Ion: 84 Resp: 26174
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.0
49 91.5 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 5.332 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

Tgt Ion: 96 Resp: 99460
Ion Ratio Lower Upper
96 100
61 110.4 82.3 152.9
68 0.0 0.0 0.0

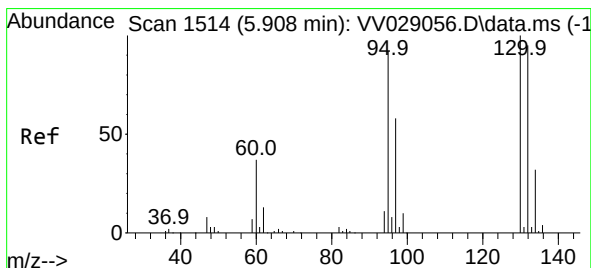
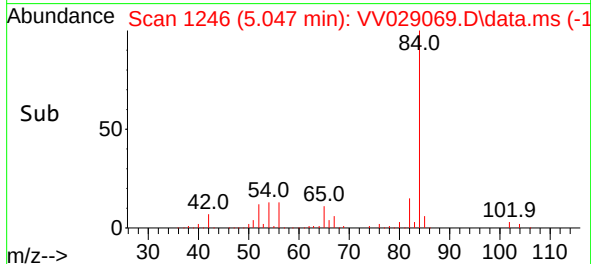
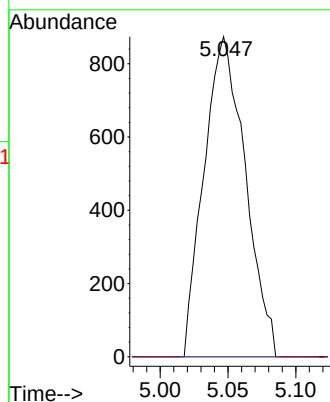
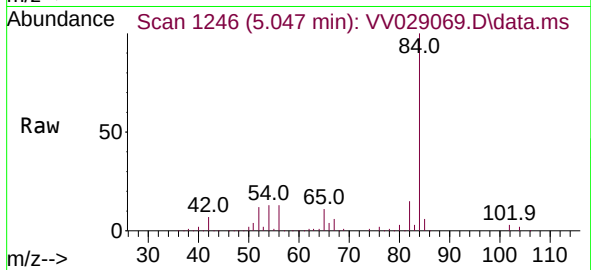




#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

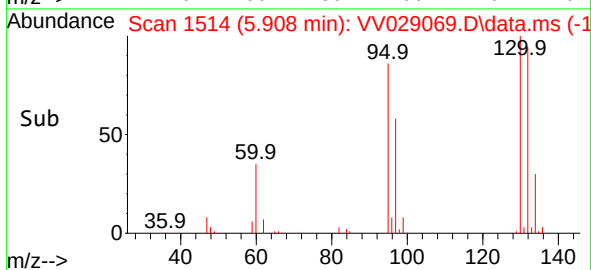
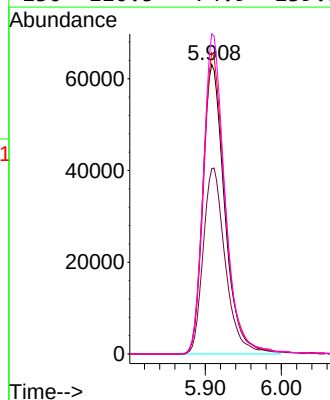
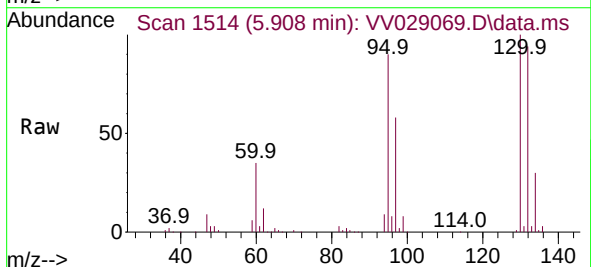
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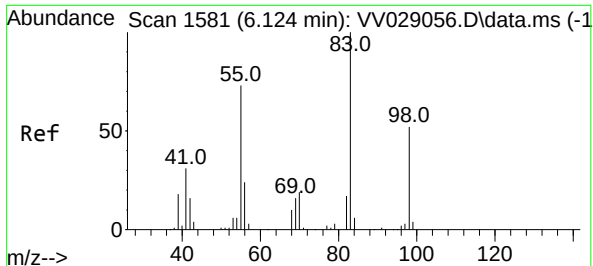
Tgt Ion: 62 Resp: 1851
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#



#34
Trichloroethene
Concen: 6.706 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

Tgt Ion: 95 Resp: 126380
Ion Ratio Lower Upper
95 100
97 64.0 45.6 84.8
132 104.1 69.1 128.3
130 110.5 74.9 139.1

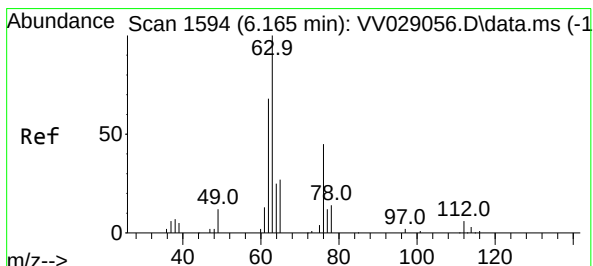
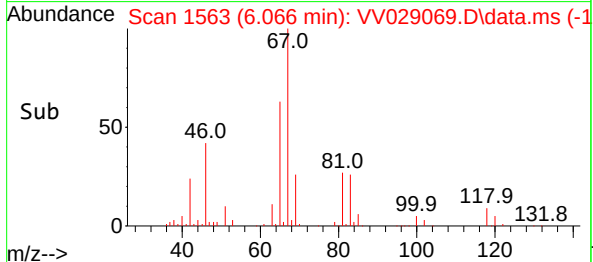
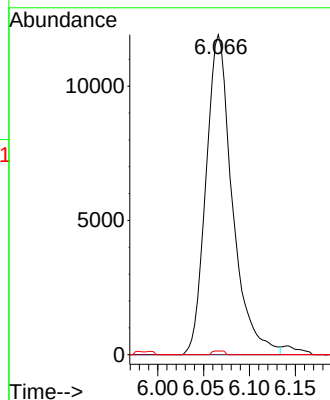
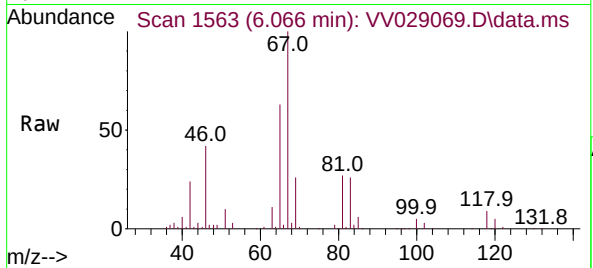




#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

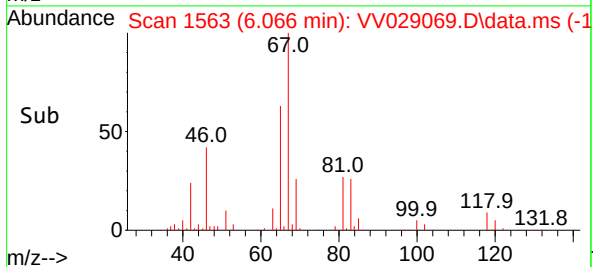
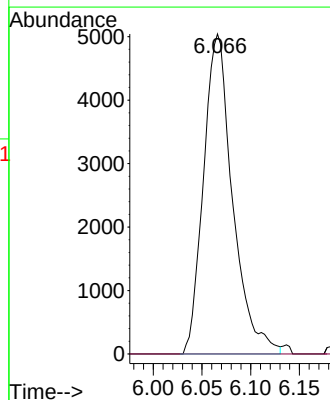
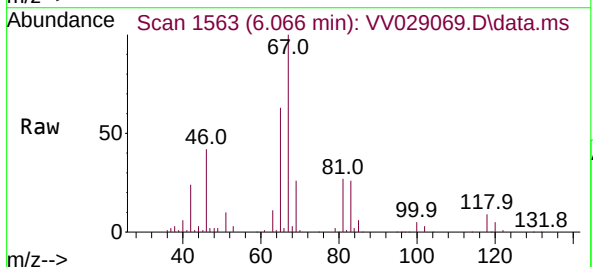
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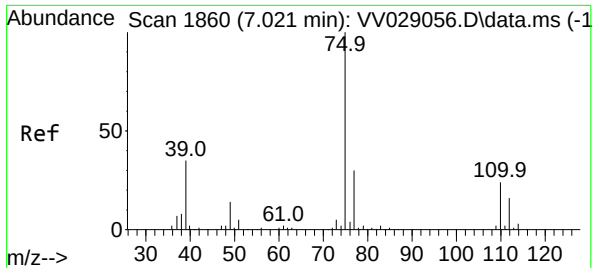
Tgt Ion: 83 Resp: 23866
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.5 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV029069.D
Acq: 17 Nov 2022 17:24

Tgt Ion: 63 Resp: 10476
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV029069.D

Acq: 17 Nov 2022 17:24

Instrument :

MSVOA_V

ClientSampleId :

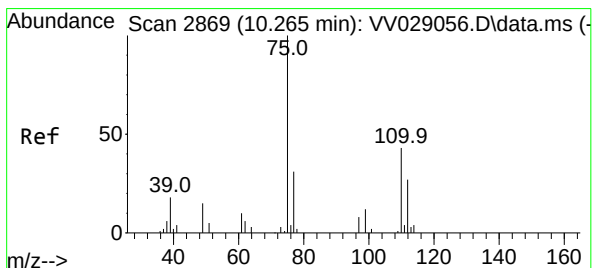
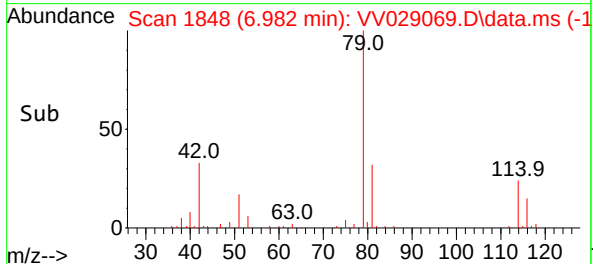
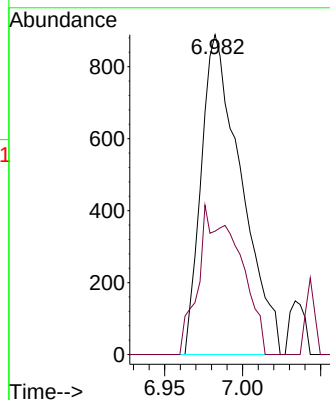
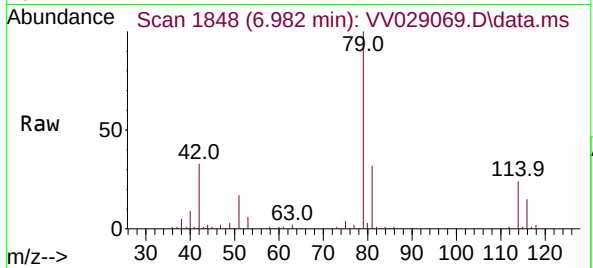
COL14DL

Tgt Ion: 75 Resp: 1584

Ion Ratio Lower Upper

75 100

77 38.6 21.8 40.6



#61

1,2,3-Trichloropropane

Concen: 1.403 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.978 min

Lab File: VV029069.D

Acq: 17 Nov 2022 17:24

Tgt Ion: 75 Resp: 10763

Ion Ratio Lower Upper

75 100

77 33.9 26.2 39.2

110 2.8 32.6 48.8#

