

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029066.D
 Acq On : 17 Nov 2022 16:15
 Operator : SY/MD
 Sample : N5628-01DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL11DL

Quant Time: Nov 18 01:43:17 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)

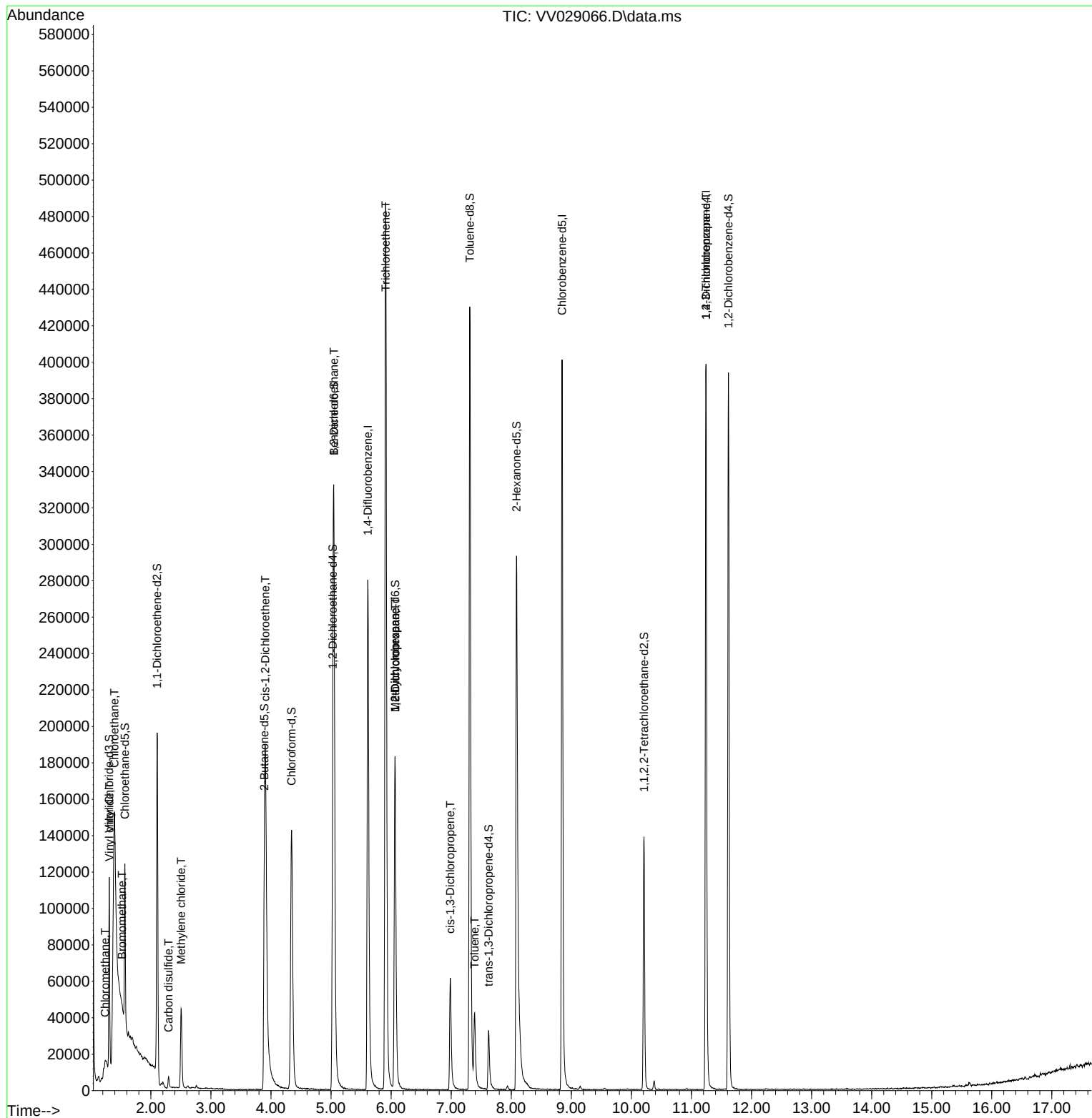
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	273739	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	117034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70684	4.235	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.568	69	57810	3.940	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.105	63	95561	3.142	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.800%	
20) 2-Butanone-d5	3.889	46	147911	52.947	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.900%	
24) Chloroform-d	4.342	84	157417	4.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.027	65	72312	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.047	84	336777	4.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.066	67	95252	4.608	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.310	98	310083	4.654	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	7.622	79	22981	3.409	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.200%	
46) 2-Hexanone-d5	8.088	63	125434	43.592	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.180%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69186	4.828	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	113513	5.421	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1719	0.091	ug/L	94
5) Vinyl chloride	1.310	62	4106	0.190	ug/L #	1
6) Bromomethane	1.519	94	929	0.072	ug/L	96
8) Chloroethane	1.394	64	530957	41.827	ug/L #	53
14) Carbon disulfide	2.294	76	8920	0.152	ug/L	97
16) Methylene chloride	2.503	84	20374	0.951	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	78072	3.996	ug/L	95
27) 1,2-Dichloroethane	5.047	62	1639	0.097	ug/L #	70
34) Trichloroethene	5.908	95	178621	9.207	ug/L	98
35) Methylcyclohexane	6.066	83	24602	0.722	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	10294	0.589	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1593	0.065	ug/L #	63
42) Toluene	7.391	91	33786	0.413	ug/L	100
61) 1,2,3-Trichloropropane	11.243	75	11922	1.491	ug/L #	63

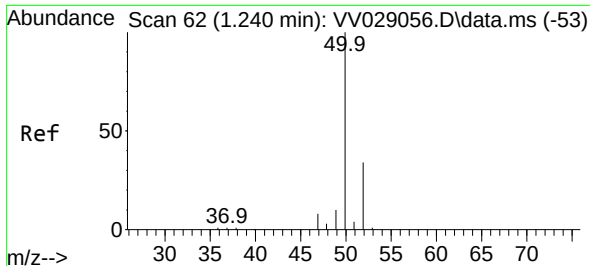
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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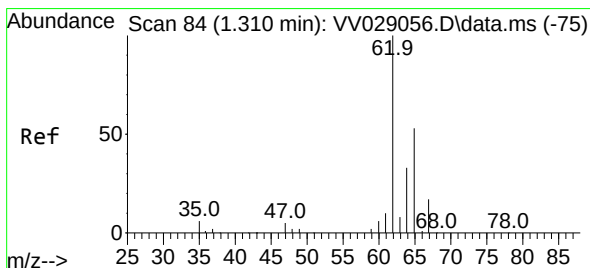
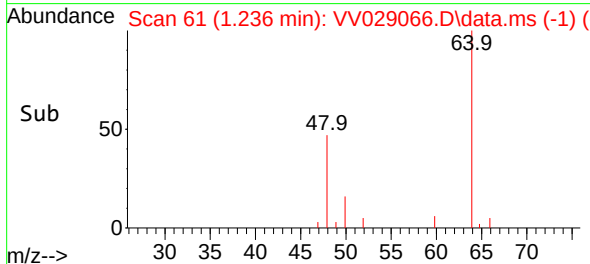
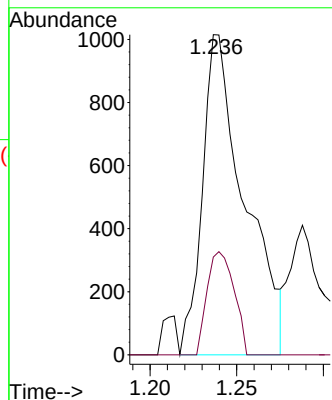
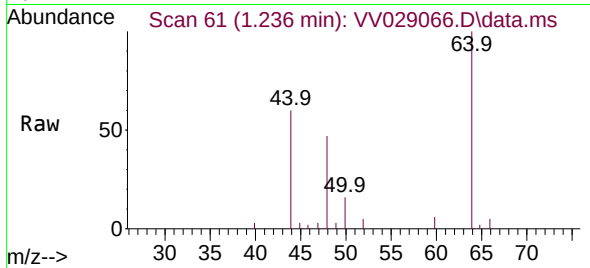




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029066.D
Acq: 17 Nov 2022 16:15

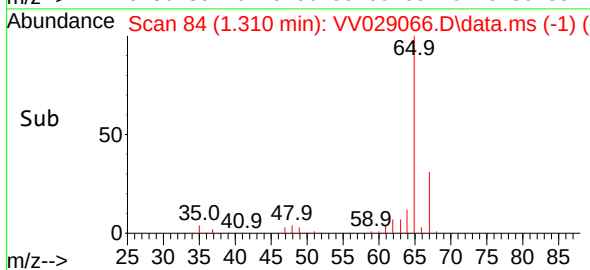
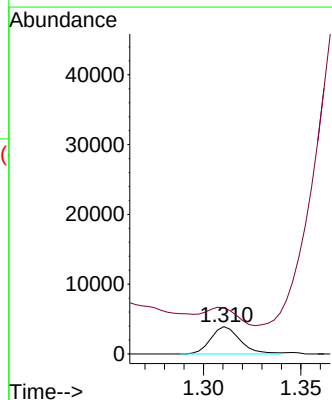
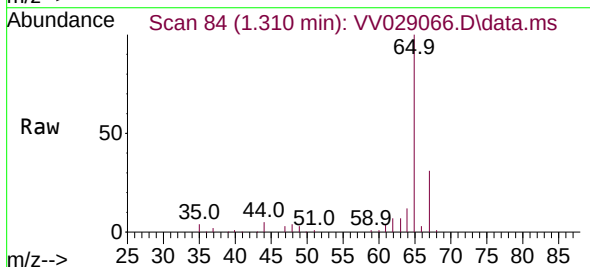
Instrument :
MSVOA_V
ClientSampleId :
COL11DL

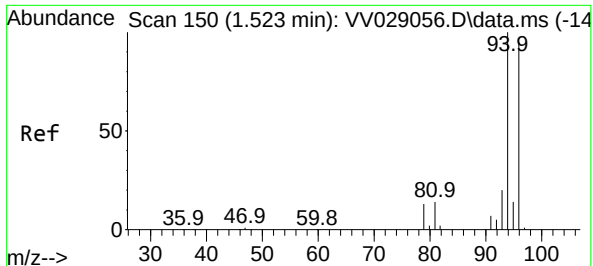
Tgt Ion: 50 Resp: 1719
Ion Ratio Lower Upper
50 100
52 30.5 23.7 43.9



#5
Vinyl chloride
Concen: 0.190 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029066.D
Acq: 17 Nov 2022 16:15

Tgt Ion: 62 Resp: 4106
Ion Ratio Lower Upper
62 100
64 168.2 22.8 42.4#

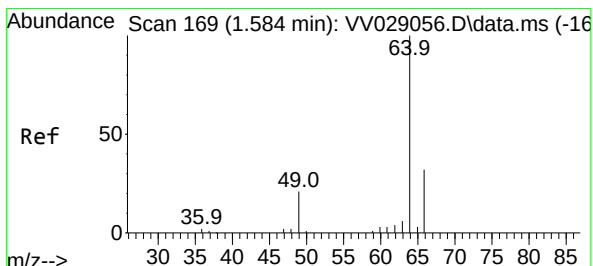
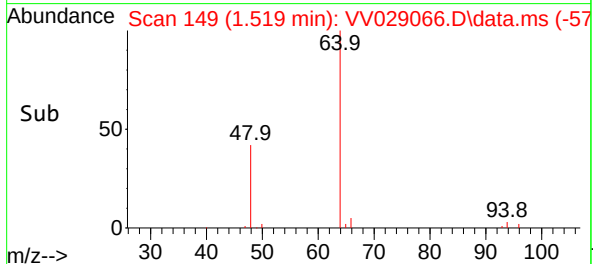
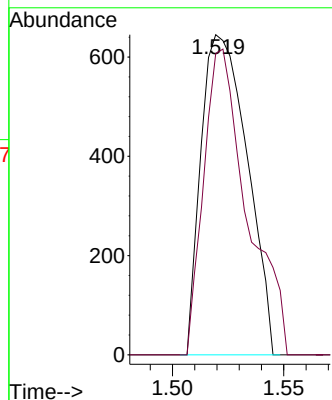
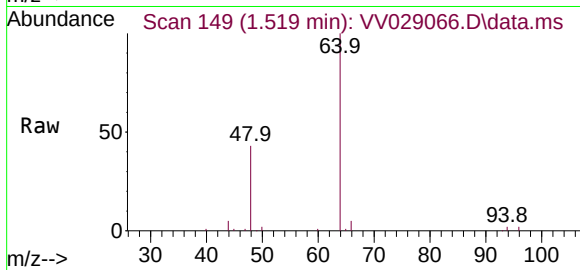




#6
Bromomethane
Concen: 0.072 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV029066.D
Acq: 17 Nov 2022 16:15

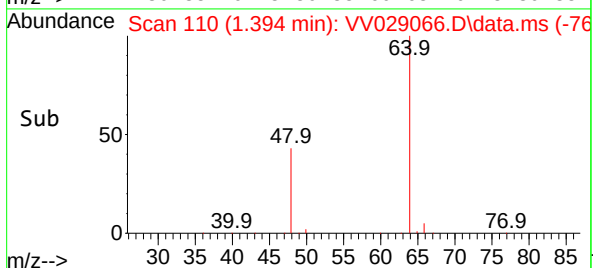
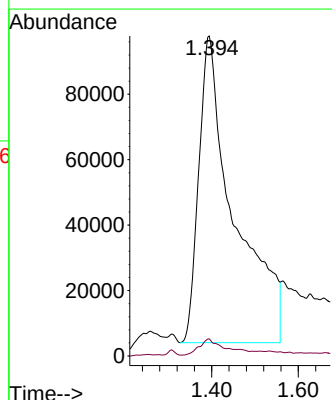
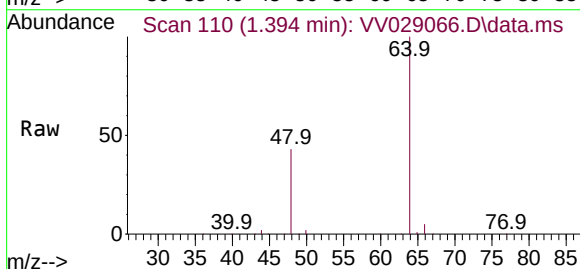
Instrument :
MSVOA_V
ClientSampleId :
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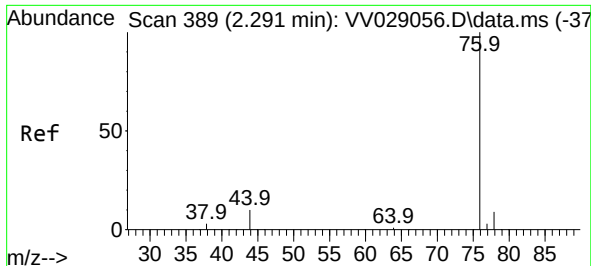
Tgt Ion: 94 Resp: 929
Ion Ratio Lower Upper
94 100
96 94.1 68.5 127.3



#8
Chloroethane
Concen: 41.827 ug/L
RT: 1.394 min Scan# 110
Delta R.T. -0.190 min
Lab File: VV029066.D
Acq: 17 Nov 2022 16:15

Tgt Ion: 64 Resp: 530957
Ion Ratio Lower Upper
64 100
66 5.3 22.0 40.8#

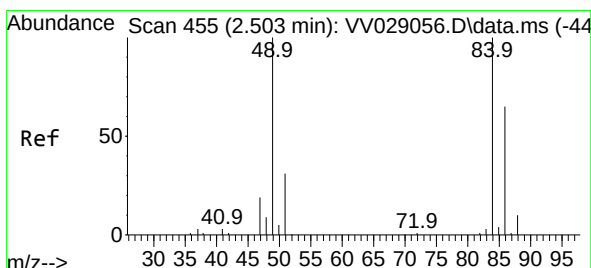
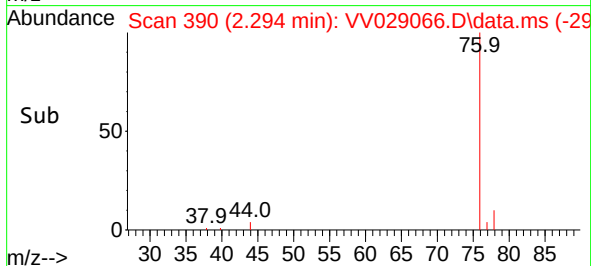
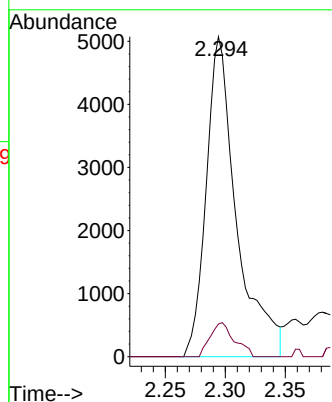
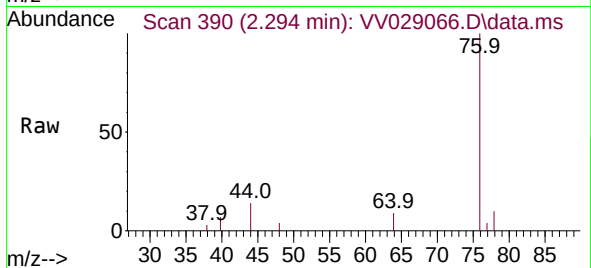




#14
Carbon disulfide
Concen: 0.152 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV029066.D
Acq: 17 Nov 2022 16:15

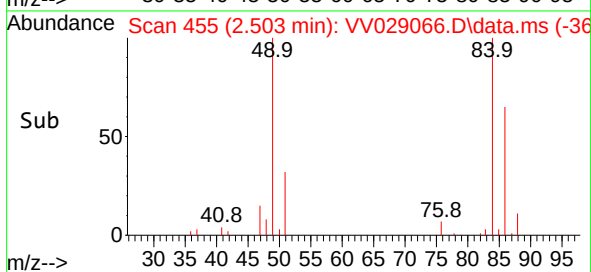
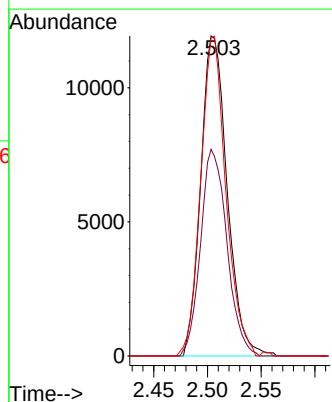
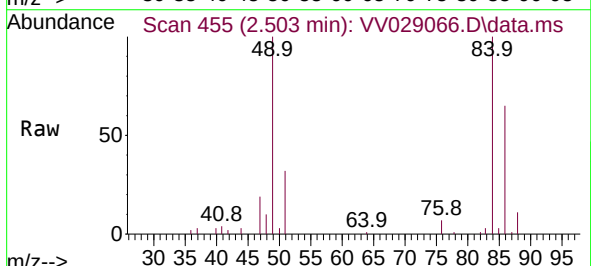
Instrument :
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ClientSampleId :
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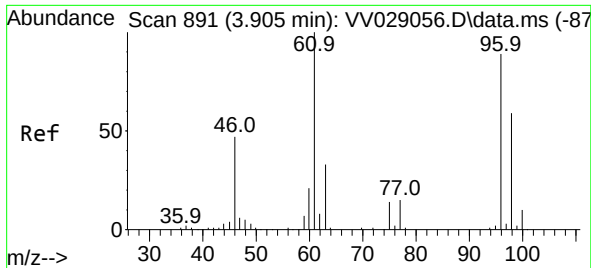
Tgt Ion: 76 Resp: 8920
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



#16
Methylene chloride
Concen: 0.951 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029066.D
Acq: 17 Nov 2022 16:15

Tgt Ion: 84 Resp: 20374
Ion Ratio Lower Upper
84 100
86 64.5 45.8 85.0
49 99.5 75.5 140.1

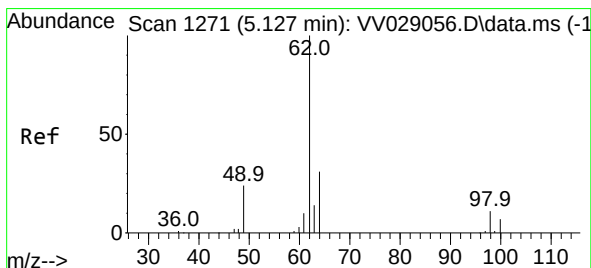
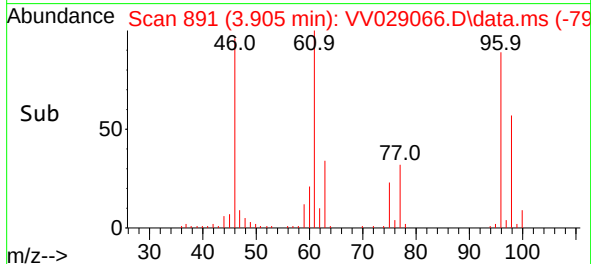
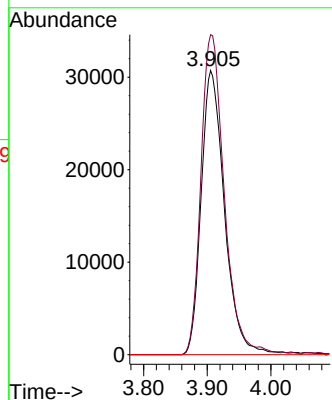
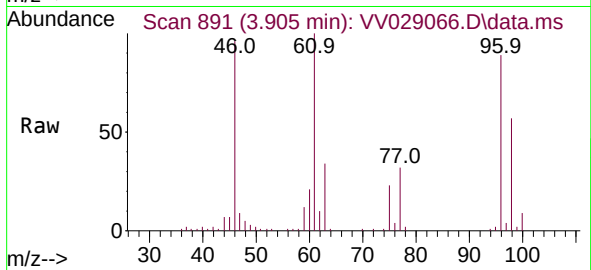




#22
 cis-1,2-Dichloroethene
 Concen: 3.996 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV029066.D
 Acq: 17 Nov 2022 16:15

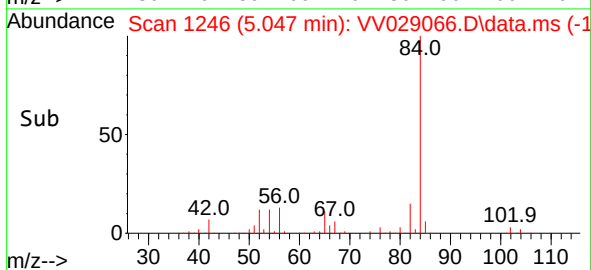
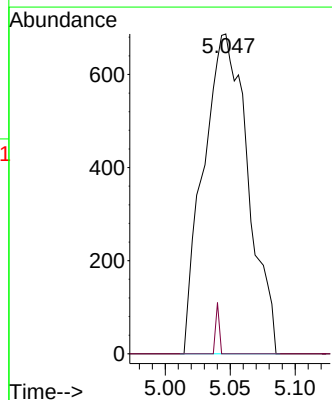
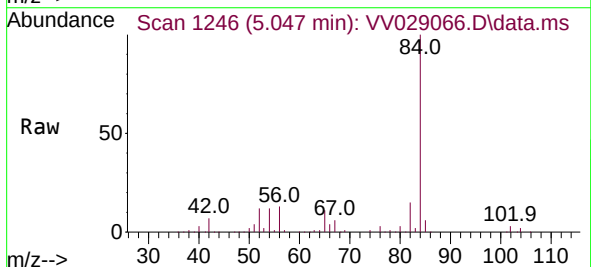
Instrument :
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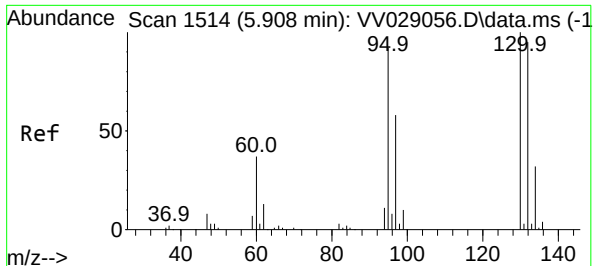
Tgt Ion: 96 Resp: 78072
 Ion Ratio Lower Upper
 96 100
 61 112.6 82.3 152.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.097 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.080 min
 Lab File: VV029066.D
 Acq: 17 Nov 2022 16:15

Tgt Ion: 62 Resp: 1639
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.0 13.6#

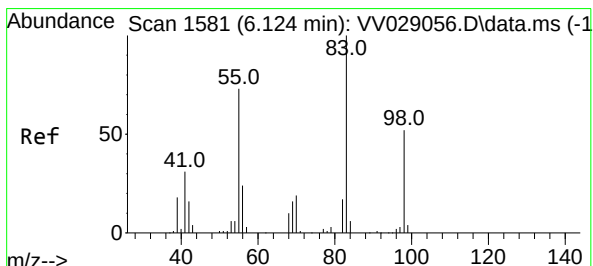
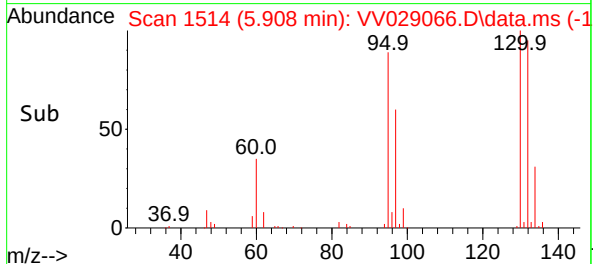
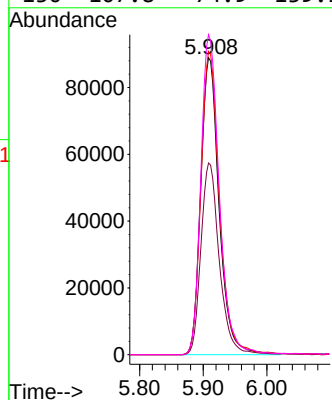
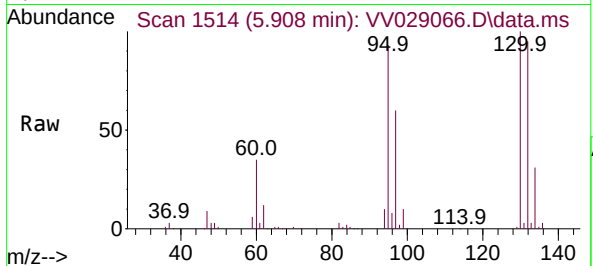




#34
Trichloroethene
Concen: 9.207 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029066.D
Acq: 17 Nov 2022 16:15

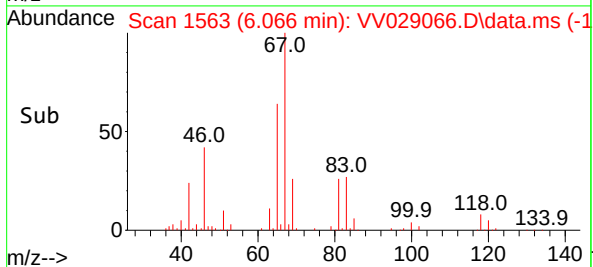
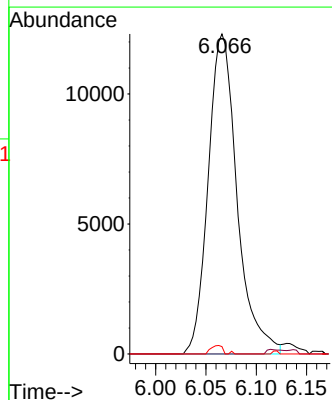
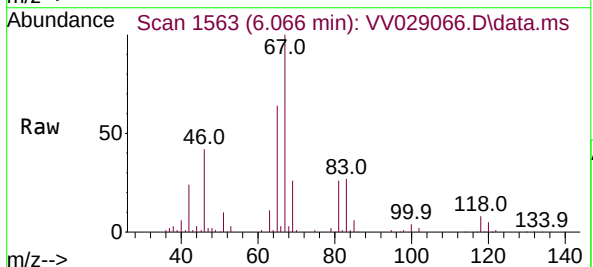
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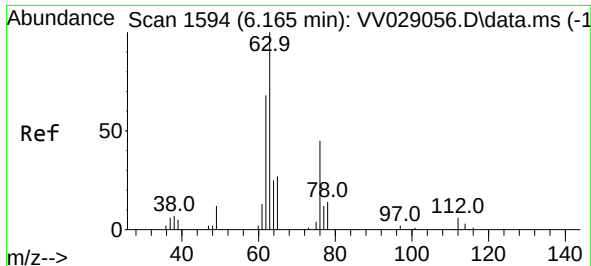
Tgt Ion: 95 Resp: 178621
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.8
132 102.2 69.1 128.3
130 107.8 74.9 139.1



#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029066.D
Acq: 17 Nov 2022 16:15

Tgt Ion: 83 Resp: 24602
Ion Ratio Lower Upper
83 100
55 0.8 55.8 83.6#
98 1.0 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029066.D

Acq: 17 Nov 2022 16:15

Instrument :

MSVOA_V

ClientSampleId :

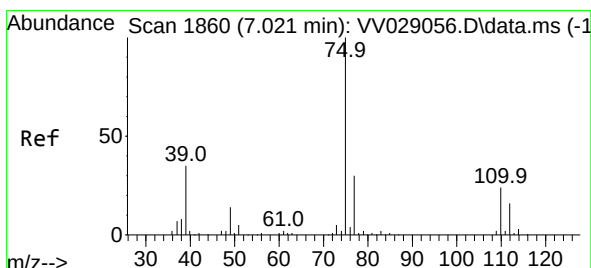
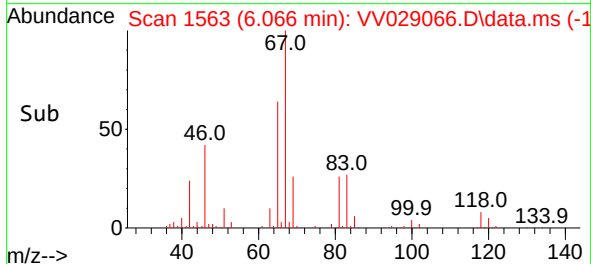
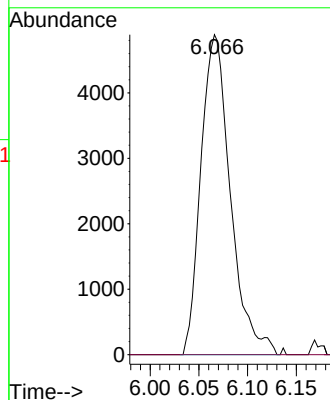
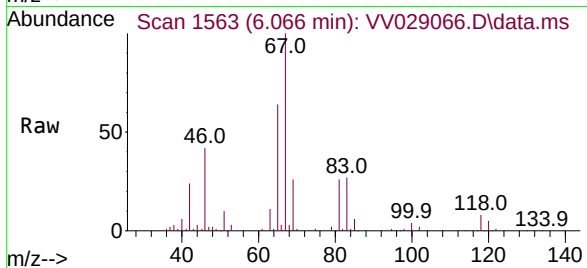
COL11DL

Tgt Ion: 63 Resp: 10294

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV029066.D

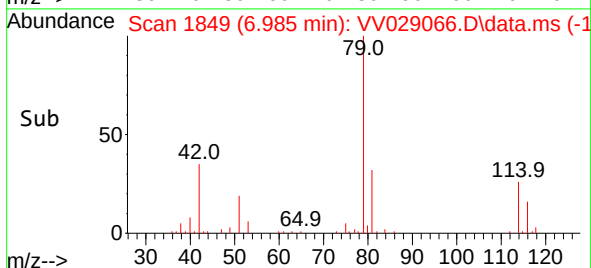
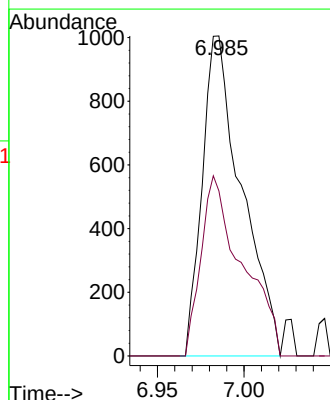
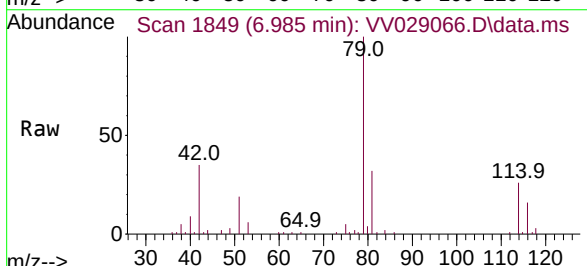
Acq: 17 Nov 2022 16:15

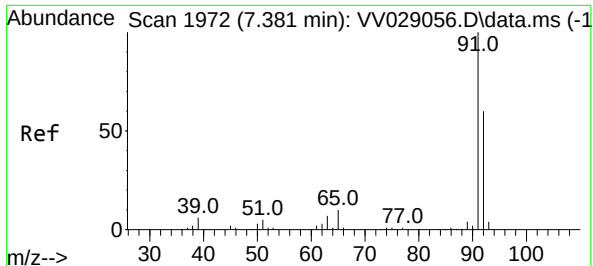
Tgt Ion: 75 Resp: 1593

Ion Ratio Lower Upper

75 100

77 51.5 21.8 40.6#





#42

Toluene

Concen: 0.413 ug/L

RT: 7.391 min Scan# 1972

Delta R.T. 0.010 min

Lab File: VV029066.D

Acq: 17 Nov 2022 16:15

Instrument :

MSVOA_V

ClientSampleId :

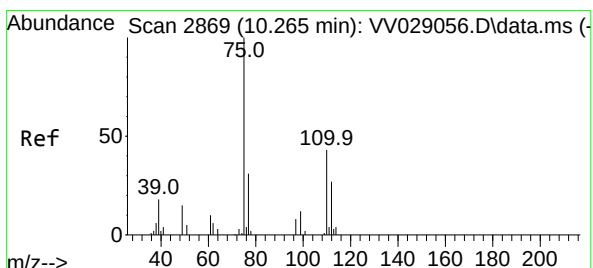
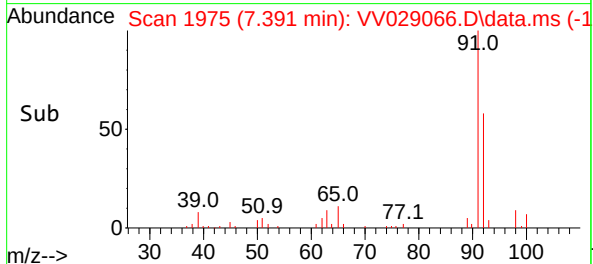
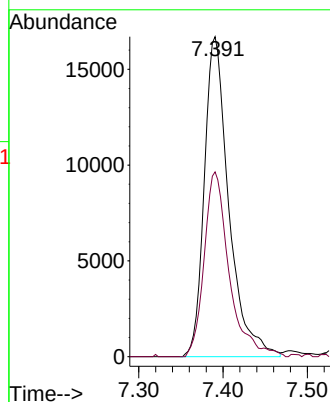
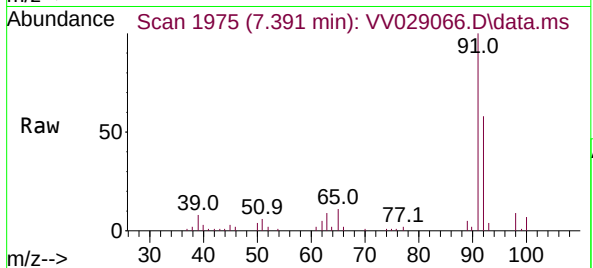
COL11DL

Tgt Ion: 91 Resp: 33786

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.5



#61

1,2,3-Trichloropropane

Concen: 1.491 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.978 min

Lab File: VV029066.D

Acq: 17 Nov 2022 16:15

Tgt Ion: 75 Resp: 11922

Ion Ratio Lower Upper

75 100

77 35.4 26.2 39.2

110 1.5 32.6 48.8#

