

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028291.D
 Acq On : 03 Oct 2022 20:25
 Operator : SY/MD
 Sample : N4856-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:48:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

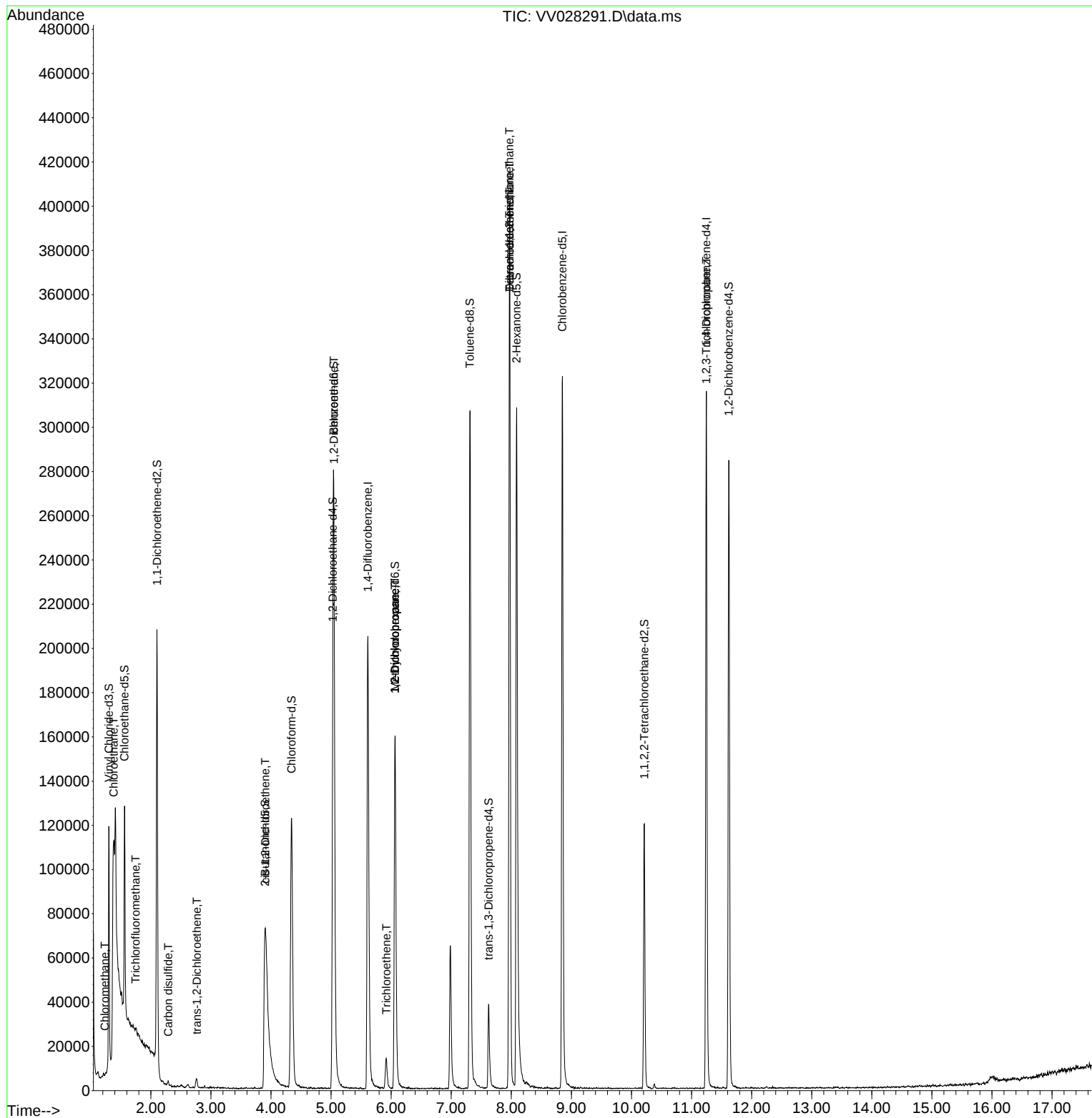
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	189679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	88491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66484	4.665	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.200%	
7) Chloroethane-d5	1.561	69	59008	4.891	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.101	63	97378	3.625	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.600%	
20) 2-Butanone-d5	3.899	46	137388	56.974	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.940%	
24) Chloroform-d	4.342	84	136952	5.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.027	65	62850	5.251	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.043	84	270570	5.137	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.063	67	80866	5.352	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.310	98	226601	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.622	79	24195	4.204	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.088	63	119950	50.922	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.840%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58681	5.123	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	11.619	152	80387	5.278	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	673	0.047	ug/L #	78
8) Chloroethane	1.381	64	354211	32.643	ug/L #	50
9) Trichlorofluoromethane	1.748	101	1068	0.044	ug/L	85
14) Carbon disulfide	2.288	76	2478	0.058	ug/L #	88
18) trans-1,2-Dichloroethene	2.764	96	1332	0.094	ug/L	82
22) cis-1,2-Dichloroethene	3.905	96	1038	0.073	ug/L	96
27) 1,2-Dichloroethane	5.047	62	1462	0.103	ug/L #	76
34) Trichloroethene	5.918	95	5192	0.363	ug/L	98
35) Methylcyclohexane	6.066	83	21882	0.937	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8788	0.664	ug/L #	87
45) 1,1,2-Trichloroethane	7.966	97	703	0.072	ug/L #	1
47) Tetrachloroethene	7.973	164	93940	7.510	ug/L	98
49) Dibromochloromethane	7.973	129	84136	6.770	ug/L #	11
61) 1,2,3-Trichloropropane	11.242	75	8551	1.252	ug/L #	68

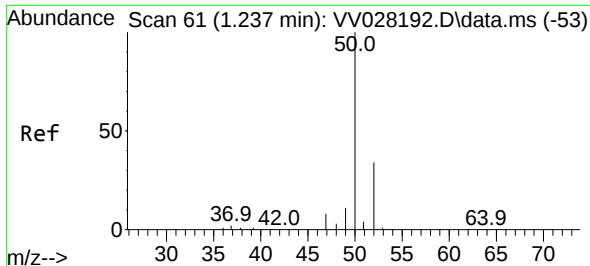
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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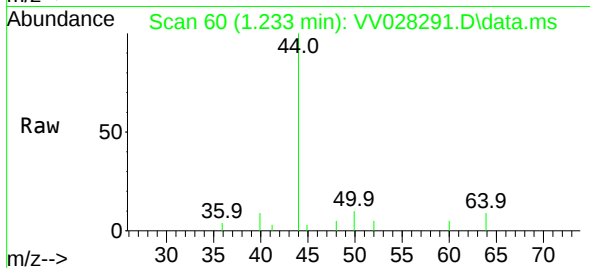
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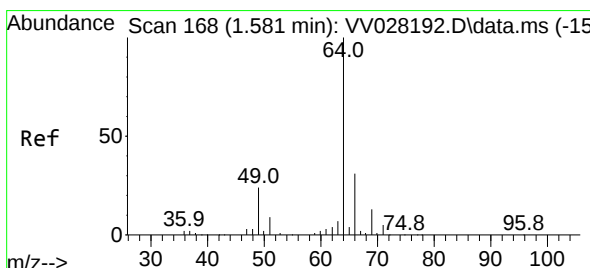
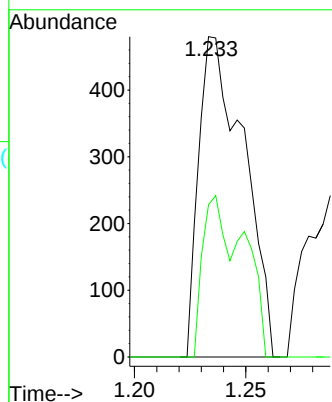
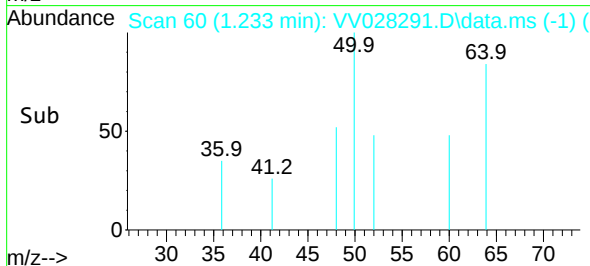


#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028291.D
Acq: 03 Oct 2022 20:25

Instrument :
MSVOA_V
ClientSampleId :

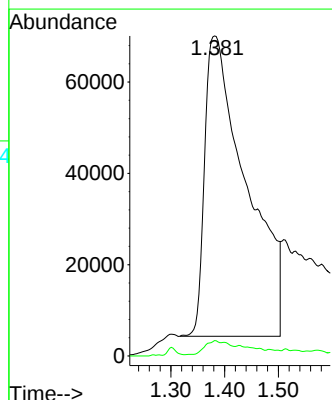
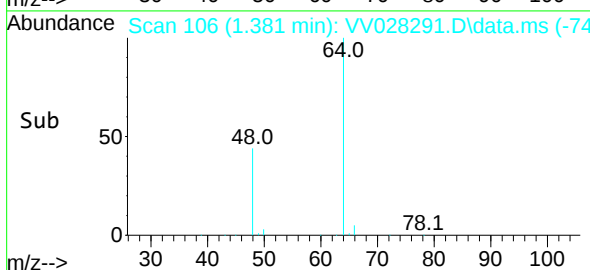
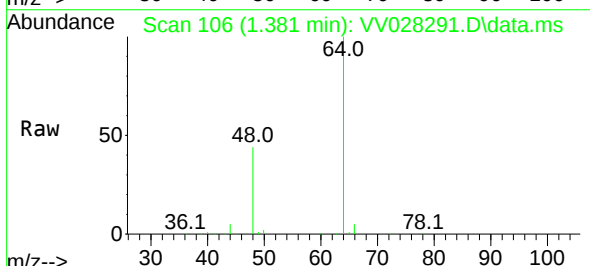


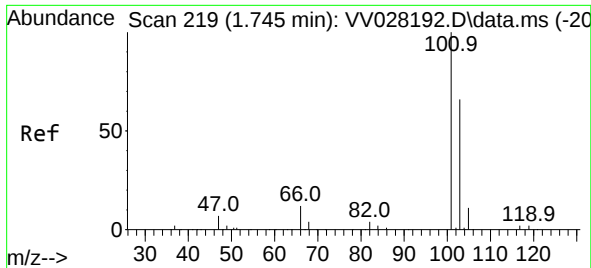
Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 47.5 24.4 45.2#



#8
Chloroethane
Concen: 32.643 ug/L
RT: 1.381 min Scan# 106
Delta R.T. -0.196 min
Lab File: VV028291.D
Acq: 03 Oct 2022 20:25

Tgt Ion: 64 Resp: 354211
Ion Ratio Lower Upper
64 100
66 4.8 23.0 42.8#

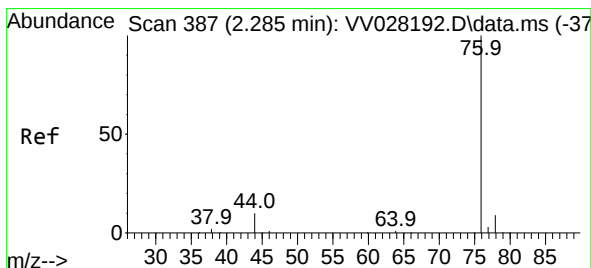
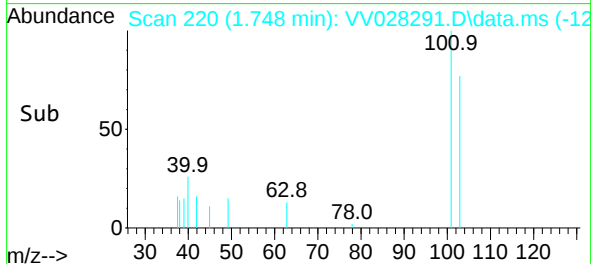
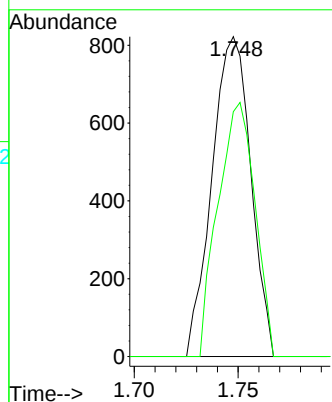
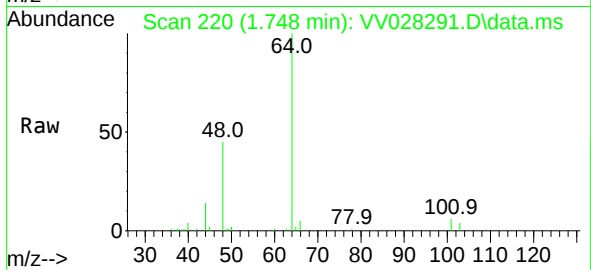




#9
Trichlorofluoromethane
Concen: 0.044 ug/L
RT: 1.748 min Scan# 219
Delta R.T. 0.003 min
Lab File: VV028291.D
Acq: 03 Oct 2022 20:25

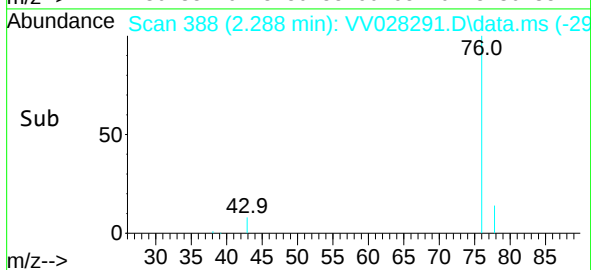
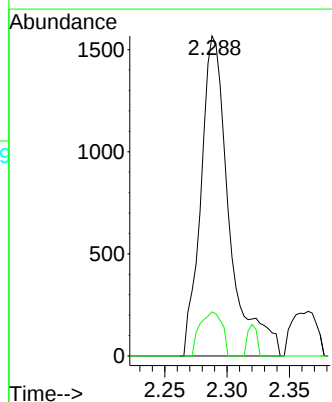
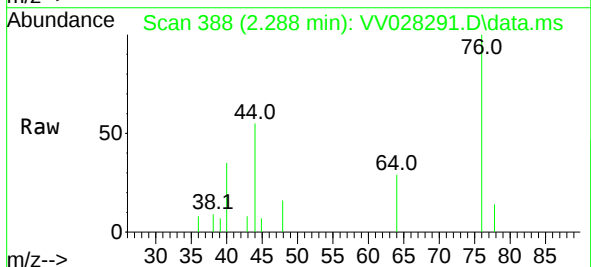
Instrument :
MSVOA_V
ClientSampleId :

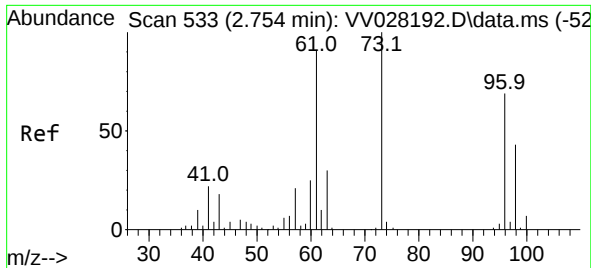
Tgt Ion:101 Resp: 1068
Ion Ratio Lower Upper
101 100
103 75.7 51.4 77.0



#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028291.D
Acq: 03 Oct 2022 20:25

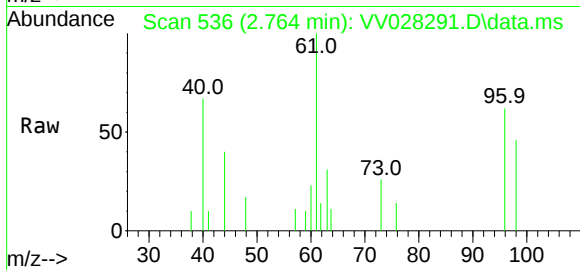
Tgt Ion: 76 Resp: 2478
Ion Ratio Lower Upper
76 100
78 13.8 7.6 11.4#





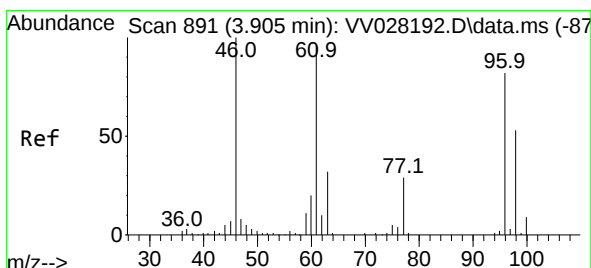
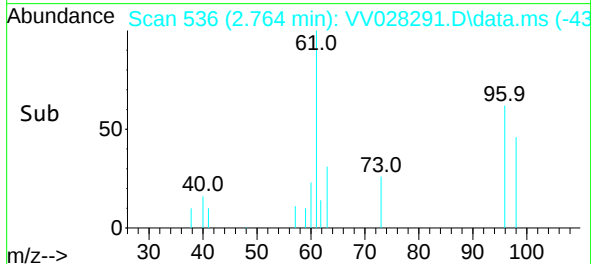
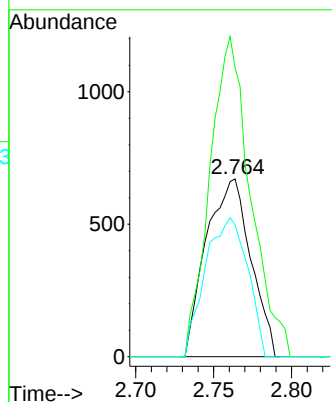
#18
trans-1,2-Dichloroethene
Concen: 0.094 ug/L
RT: 2.764 min Scan# 513
Delta R.T. 0.013 min
Lab File: VV028291.D
Acq: 03 Oct 2022 20:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 1332

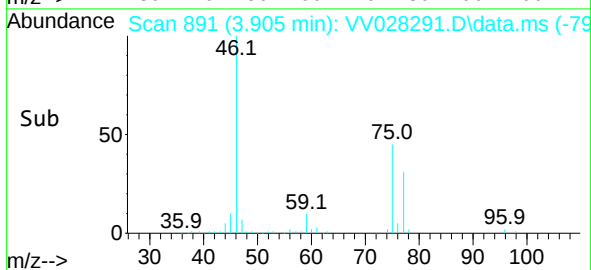
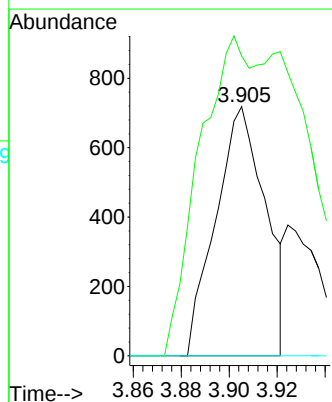
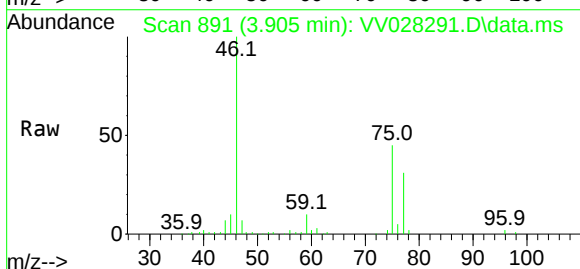
Ion	Ratio	Lower	Upper
96	100		
61	162.6	96.2	178.6
98	74.1	45.7	84.9

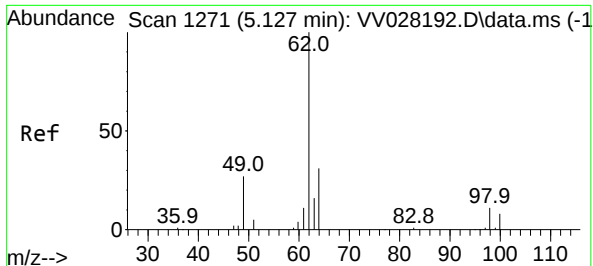


#22
cis-1,2-Dichloroethene
Concen: 0.073 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028291.D
Acq: 03 Oct 2022 20:25

Tgt Ion: 96 Resp: 1038

Ion	Ratio	Lower	Upper
96	100		
61	120.3	87.2	161.9
68	0.0	0.0	0.0





#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV028291.D

Acq: 03 Oct 2022 20:25

Instrument :

MSVOA_V

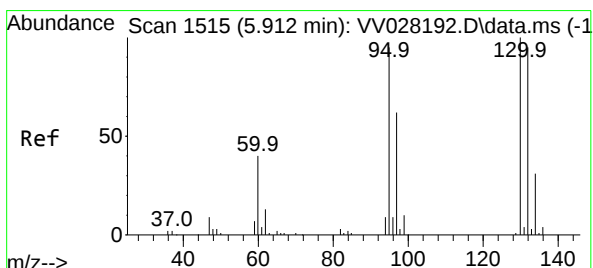
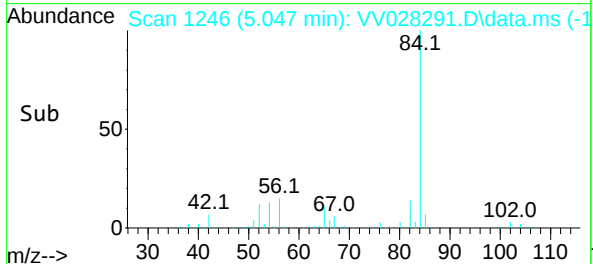
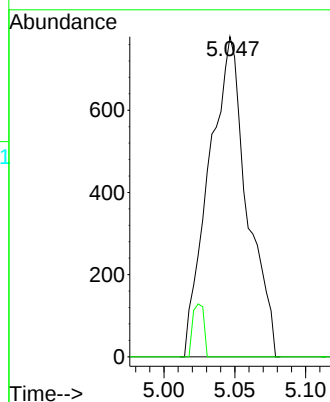
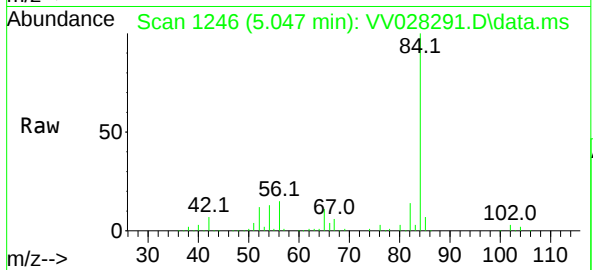
ClientSampleId :

Tgt Ion: 62 Resp: 1462

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#



#34

Trichloroethene

Concen: 0.363 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV028291.D

Acq: 03 Oct 2022 20:25

Tgt Ion: 95 Resp: 5192

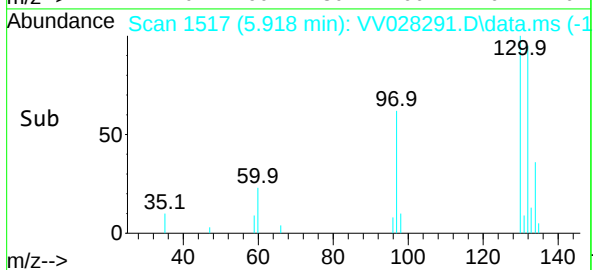
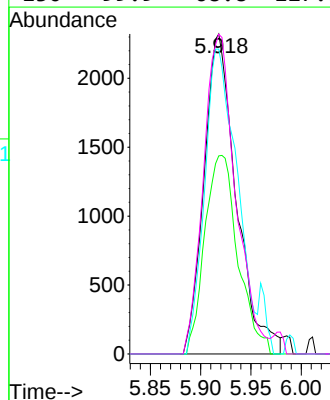
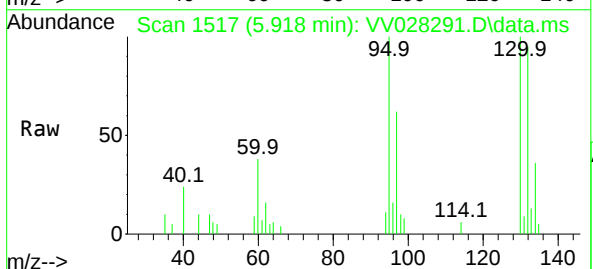
Ion Ratio Lower Upper

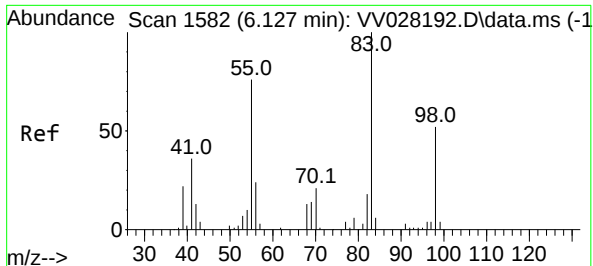
95 100

97 61.9 44.2 82.0

132 95.3 67.8 126.0

130 99.9 68.8 127.8





#35

Methylcyclohexane

Concen: 0.937 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028291.D

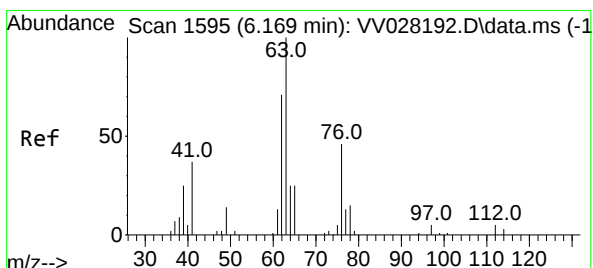
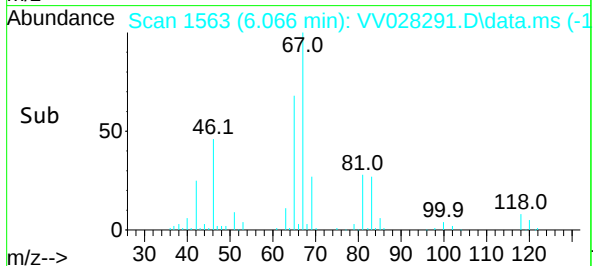
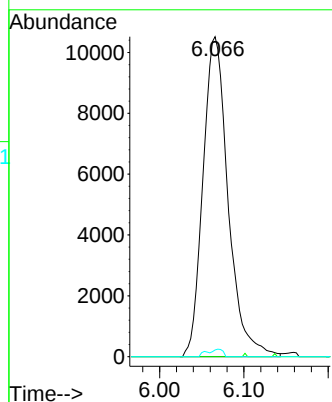
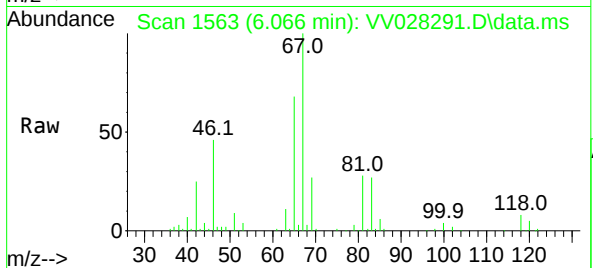
Acq: 03 Oct 2022 20:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 21882
Ion Ratio	Lower Upper
83 100	
55 0.1	64.7 97.1#
98 0.9	39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.664 ug/L

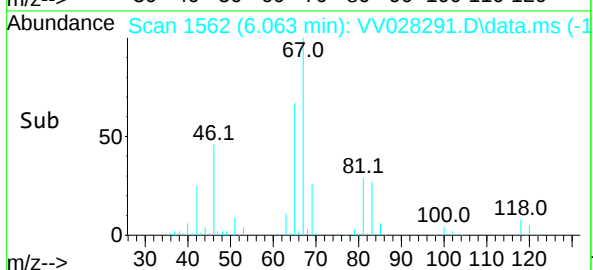
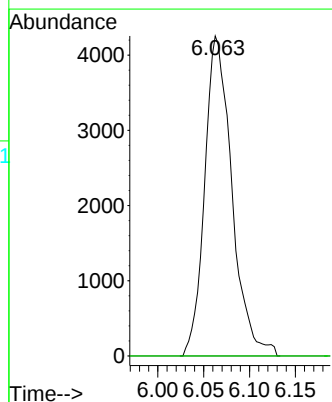
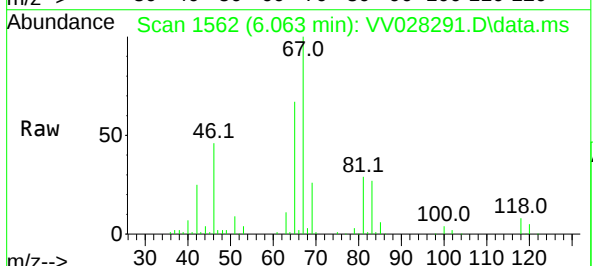
RT: 6.063 min Scan# 1562

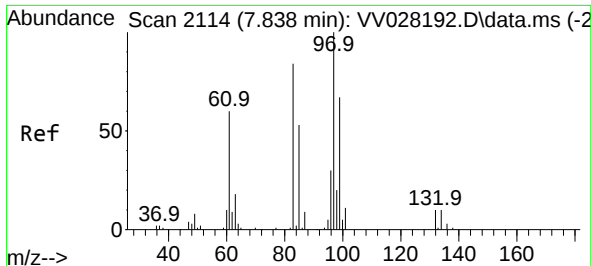
Delta R.T. -0.106 min

Lab File: VV028291.D

Acq: 03 Oct 2022 20:25

Tgt Ion: 63	Resp: 8788
Ion Ratio	Lower Upper
63 100	
112 0.0	3.5 5.3#





#45

1,1,2-Trichloroethane

Concen: 0.072 ug/L

RT: 7.966 min Scan# 2114

Delta R.T. 0.129 min

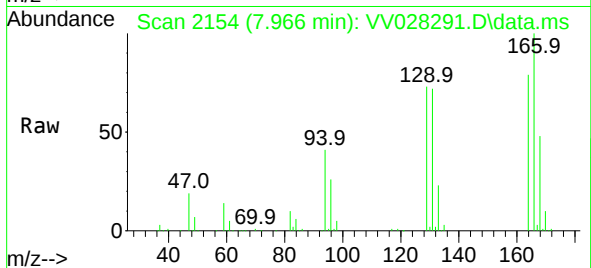
Lab File: VV028291.D

Acq: 03 Oct 2022 20:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 703

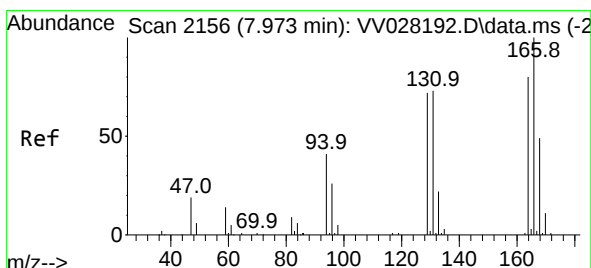
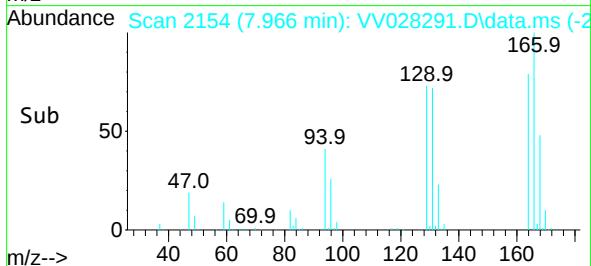
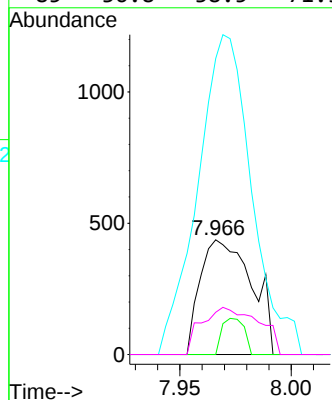
Ion Ratio Lower Upper

97 100

99 0.0 43.2 80.2#

83 257.9 59.1 109.9#

85 36.8 38.5 71.5#



#47

Tetrachloroethene

Concen: 7.510 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.004 min

Lab File: VV028291.D

Acq: 03 Oct 2022 20:25

Tgt Ion:164 Resp: 93940

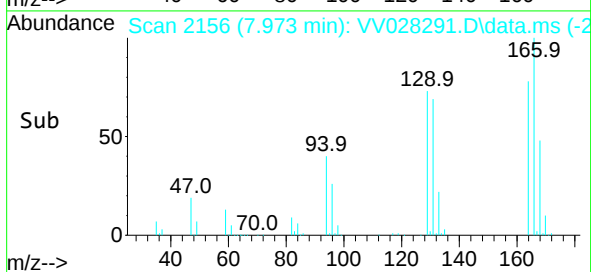
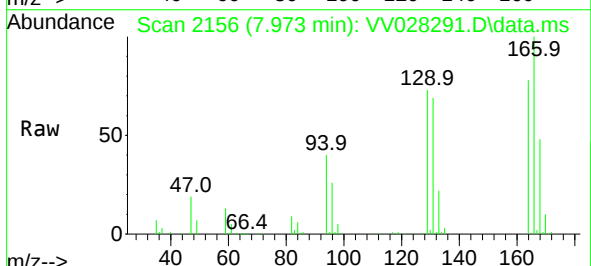
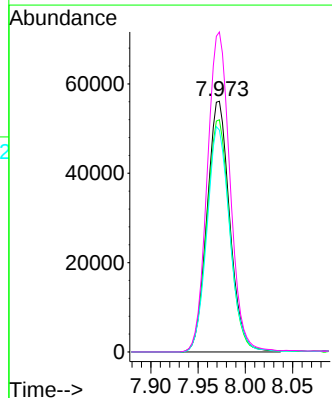
Ion Ratio Lower Upper

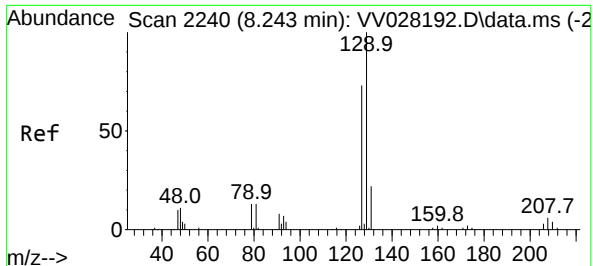
164 100

129 92.6 66.7 123.9

131 88.5 61.7 114.5

166 127.6 90.9 168.9





#49

Dibromochloromethane

Concen: 6.770 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV028291.D

Acq: 03 Oct 2022 20:25

Instrument :

MSVOA_V

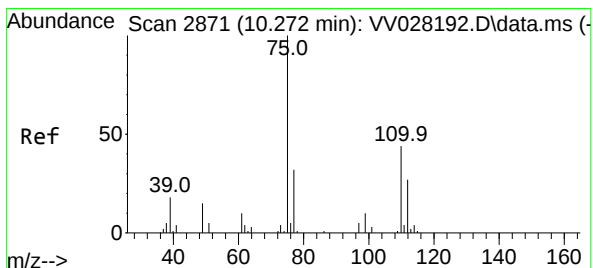
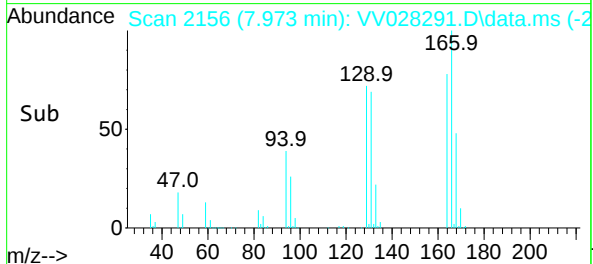
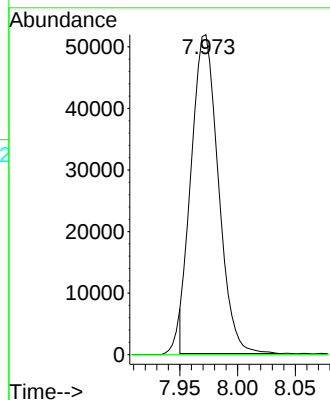
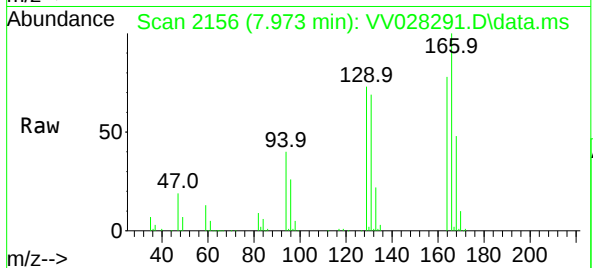
ClientSampleId :

Tgt Ion:129 Resp: 84136

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.252 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.971 min

Lab File: VV028291.D

Acq: 03 Oct 2022 20:25

Tgt Ion: 75 Resp: 8551

Ion Ratio Lower Upper

75 100

77 32.5 26.7 40.1

110 1.7 30.1 45.1#

