

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027639.D
 Acq On : 01 Sep 2022 01:07
 Operator : SY/MD
 Sample : N4366-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:16:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

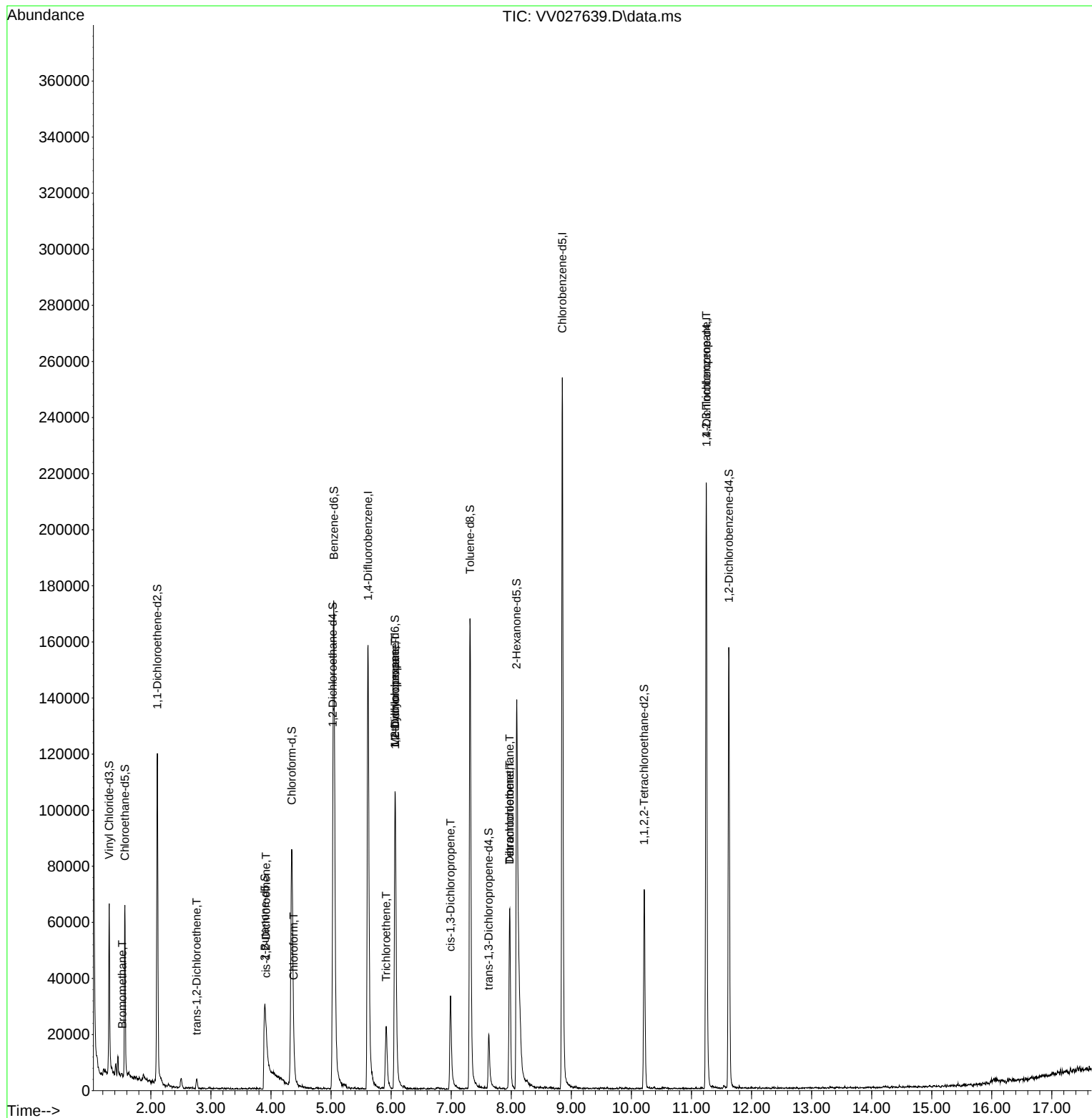
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	139152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42533	2.814	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.200%	
7) Chloroethane-d5	1.568	69	38098	3.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	60.200%#	
11) 1,1-Dichloroethene-d2	2.108	63	63595	2.149	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	43.000%#	
20) 2-Butanone-d5	3.896	46	60658	23.733	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	47.460%	
24) Chloroform-d	4.346	84	91439	3.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	60.200%#	
26) 1,2-Dichloroethane-d4	5.031	65	42488	3.125	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	62.600%#	
32) Benzene-d6	5.047	84	155878	2.739	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	54.800%#	
36) 1,2-Dichloropropane-d6	6.066	67	53048	3.014	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	60.200%	
41) Toluene-d8	7.314	98	116937	2.373	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	47.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	12727	2.347	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	47.000%#	
46) 2-Hexanone-d5	8.088	63	57098	28.002	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	56.000%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35178	3.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	62.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	39708	3.180	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	63.600%#	
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	509	0.063	ug/L	90
18) trans-1,2-Dichloroethene	2.761	96	1171	0.089	ug/L #	66
22) cis-1,2-Dichloroethene	3.915	96	2977	0.227	ug/L	85
25) Chloroform	4.378	83	3786	0.140	ug/L	99
34) Trichloroethene	5.918	95	8411	0.631	ug/L	92
35) Methylcyclohexane	6.066	83	12799	0.619	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	6291	0.460	ug/L #	89
39) cis-1,3-Dichloropropene	6.989	75	1243	0.074	ug/L	93
47) Tetrachloroethene	7.976	164	14946	1.384	ug/L	96
49) Dibromochloromethane	7.976	129	12902	1.234	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	7099	1.258	ug/L #	67

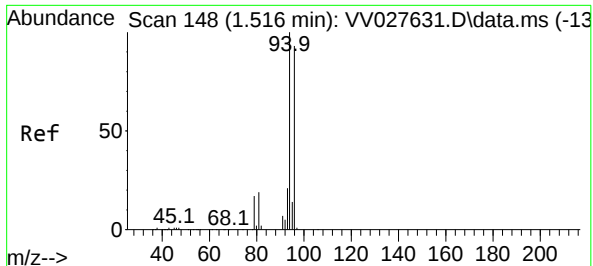
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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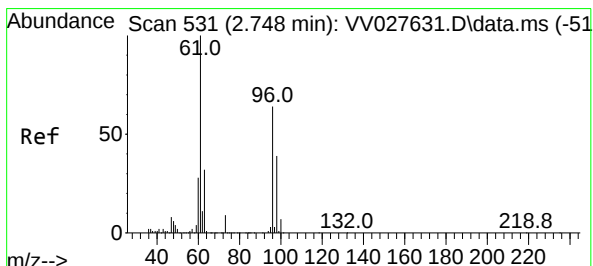
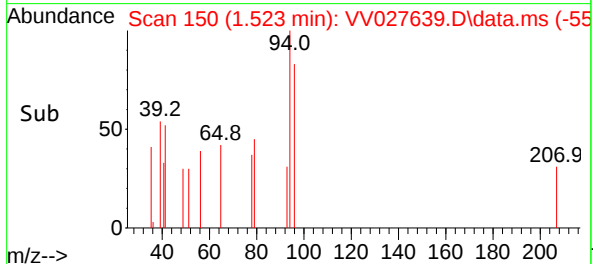
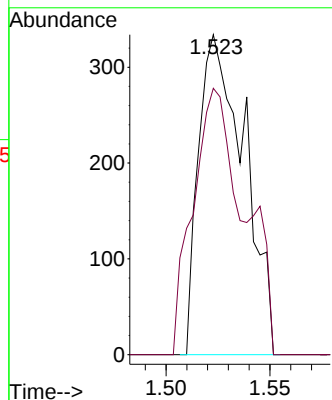
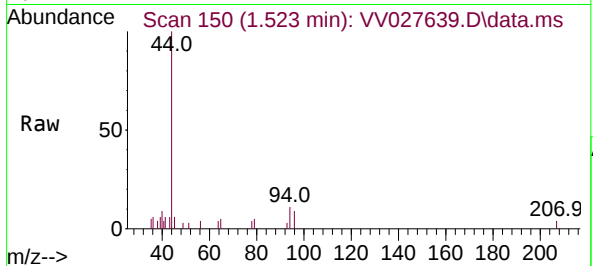




#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027639.D
Acq: 01 Sep 2022 01:07

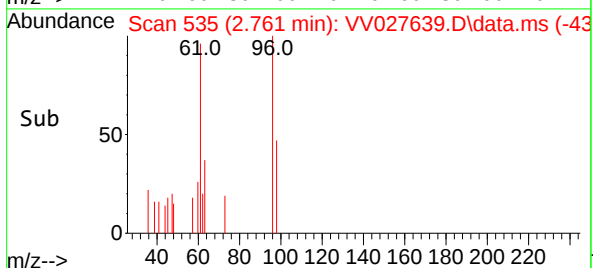
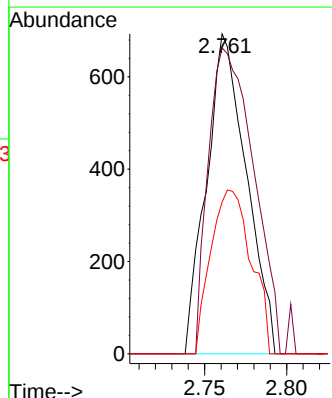
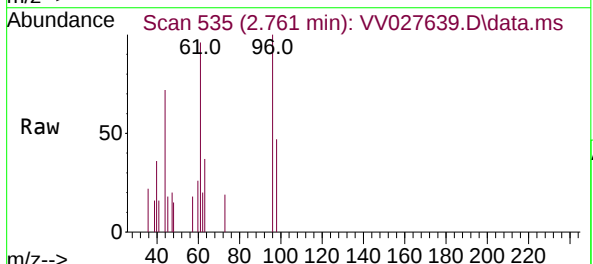
Instrument :
MSVOA_V
ClientSampleId :

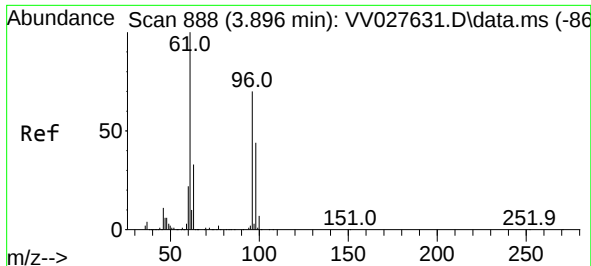
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 83.2 65.1 120.9



#18
trans-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.013 min
Lab File: VV027639.D
Acq: 01 Sep 2022 01:07

Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 95.7 101.8 189.0#
98 47.5 44.9 83.3





#22

cis-1,2-Dichloroethene

Concen: 0.227 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.019 min

Lab File: VV027639.D

Acq: 01 Sep 2022 01:07

Instrument :

MSVOA_V

ClientSampleId :

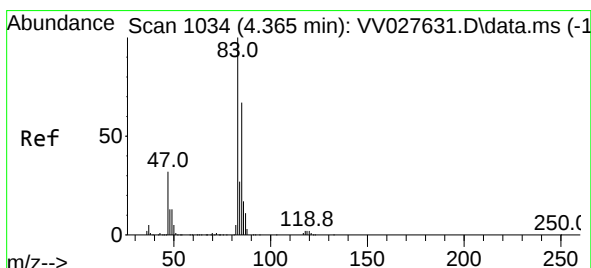
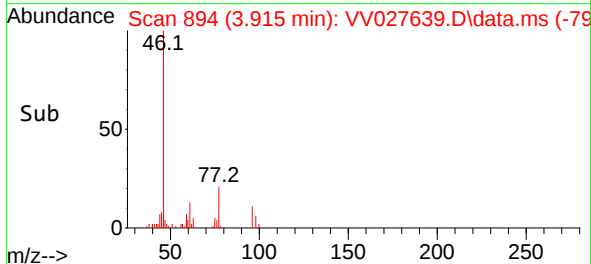
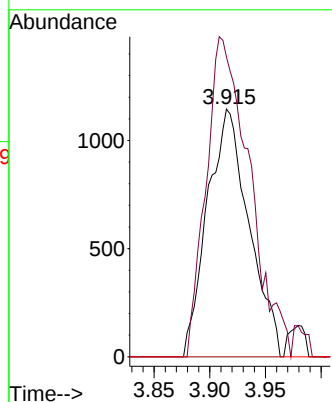
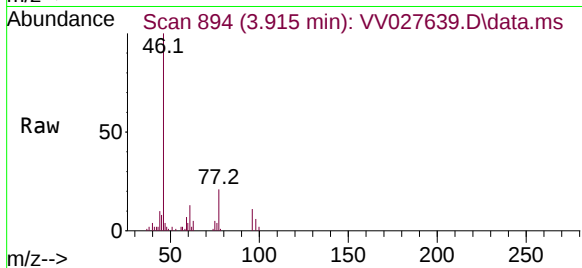
Tgt Ion: 96 Resp: 2977

Ion Ratio Lower Upper

96 100

61 120.9 96.9 180.1

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.140 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.013 min

Lab File: VV027639.D

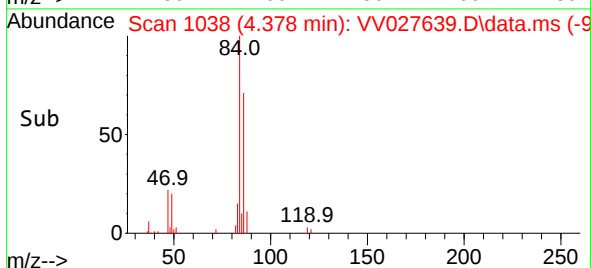
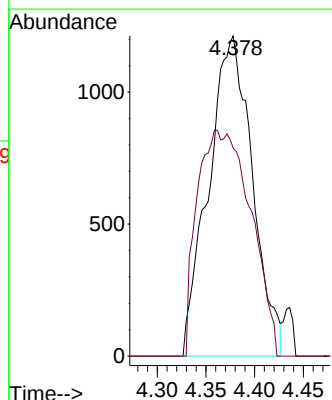
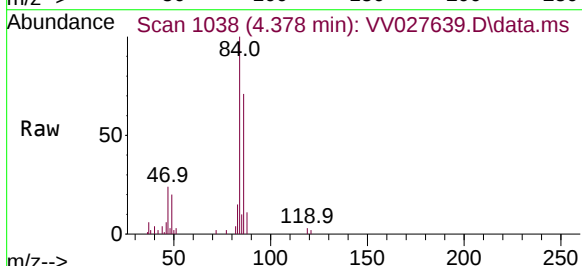
Acq: 01 Sep 2022 01:07

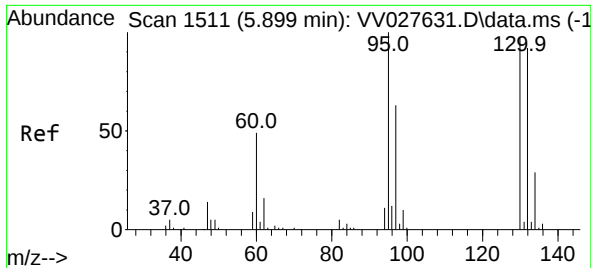
Tgt Ion: 83 Resp: 3786

Ion Ratio Lower Upper

83 100

85 65.0 44.7 83.1

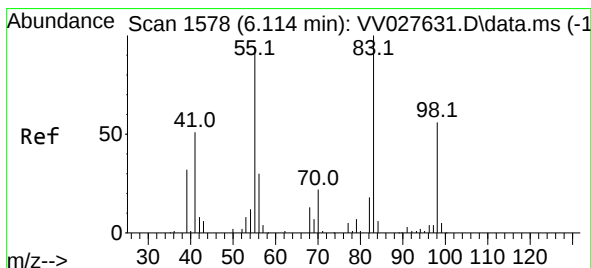
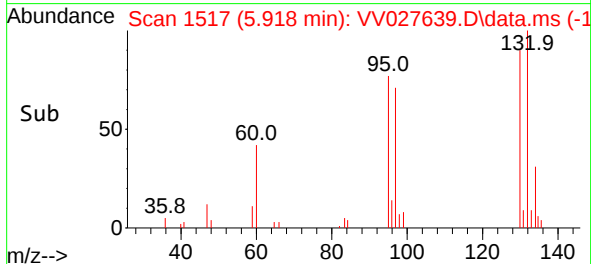
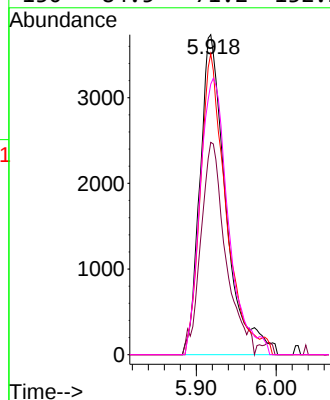
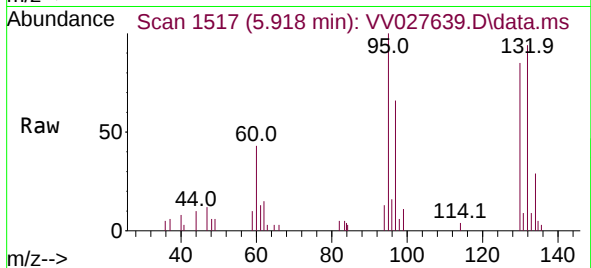




#34
Trichloroethene
Concen: 0.631 ug/L
RT: 5.918 min Scan# 1511
Delta R.T. 0.019 min
Lab File: VV027639.D
Acq: 01 Sep 2022 01:07

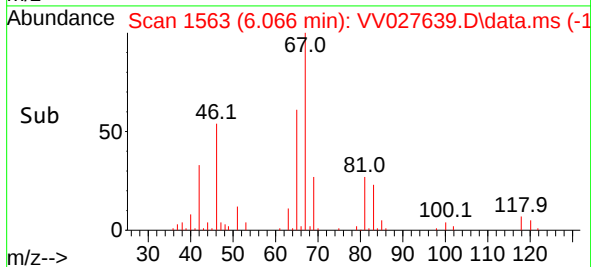
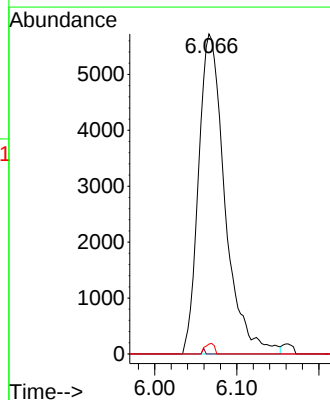
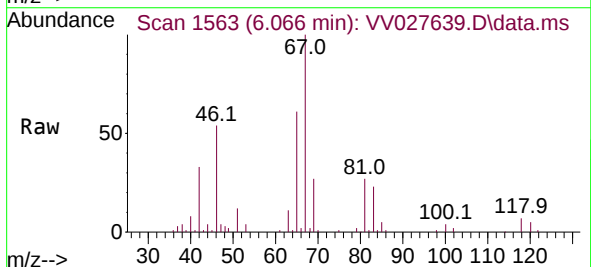
Instrument :
MSVOA_V
ClientSampleId :

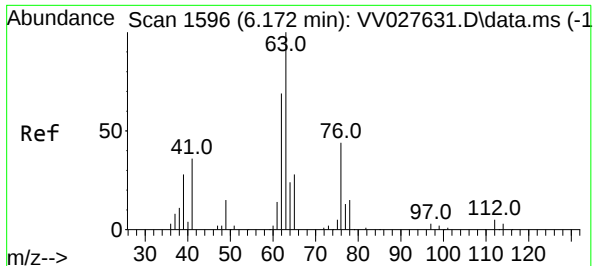
Tgt Ion: 95 Resp: 8411
Ion Ratio Lower Upper
95 100
97 66.4 46.1 85.5
132 94.0 67.3 125.1
130 84.5 71.2 132.2



#35
Methylcyclohexane
Concen: 0.619 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.048 min
Lab File: VV027639.D
Acq: 01 Sep 2022 01:07

Tgt Ion: 83 Resp: 12799
Ion Ratio Lower Upper
83 100
55 0.1 66.0 99.0#
98 1.2 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.460 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027639.D

Acq: 01 Sep 2022 01:07

Instrument :

MSVOA_V

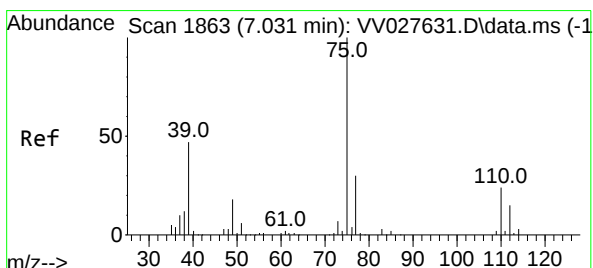
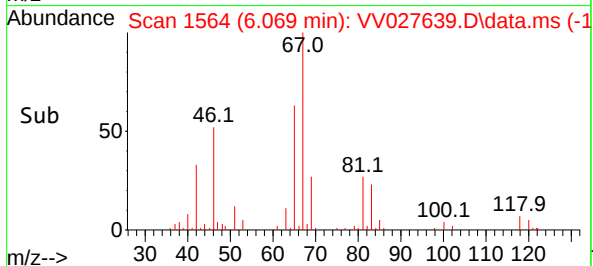
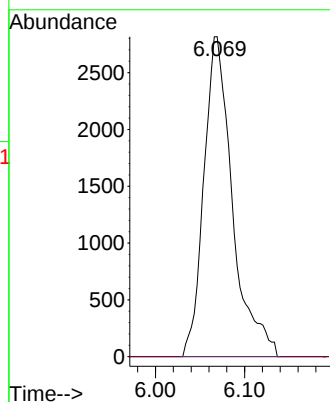
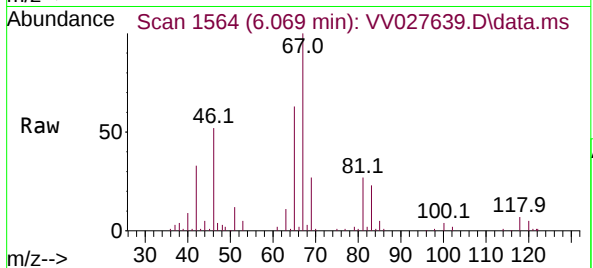
ClientSampleId :

Tgt Ion: 63 Resp: 6291

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV027639.D

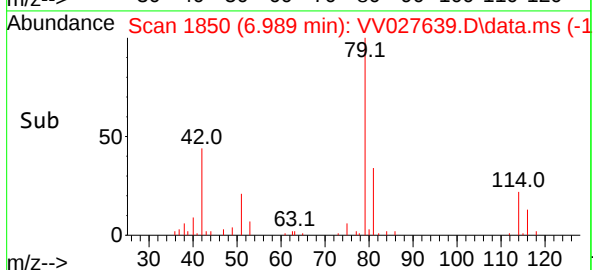
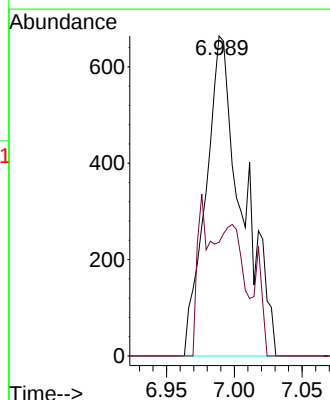
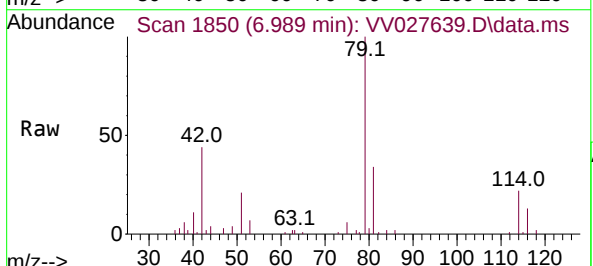
Acq: 01 Sep 2022 01:07

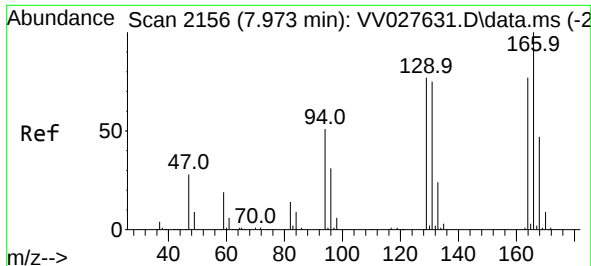
Tgt Ion: 75 Resp: 1243

Ion Ratio Lower Upper

75 100

77 35.5 22.3 41.3





#47

Tetrachloroethene

Concen: 1.384 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

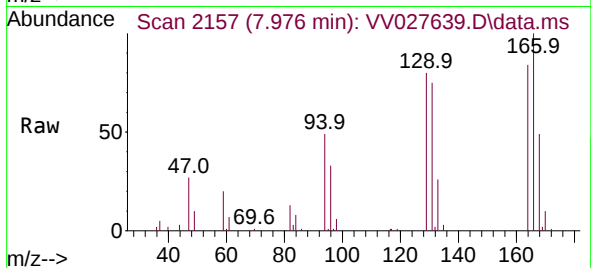
Lab File: VV027639.D

Acq: 01 Sep 2022 01:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 14946

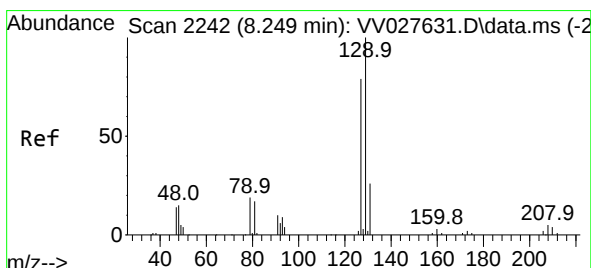
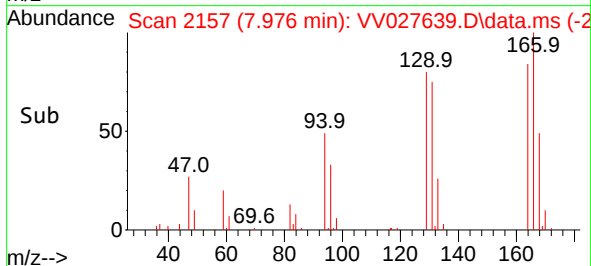
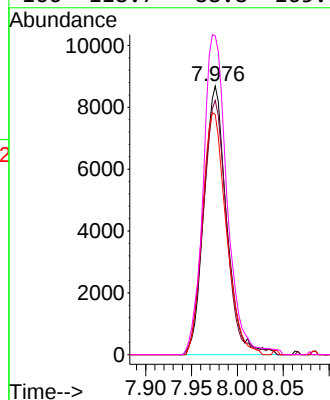
Ion Ratio Lower Upper

164 100

129 94.6 65.9 122.3

131 89.4 64.5 119.7

166 118.7 88.8 165.0



#49

Dibromochloromethane

Concen: 1.234 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV027639.D

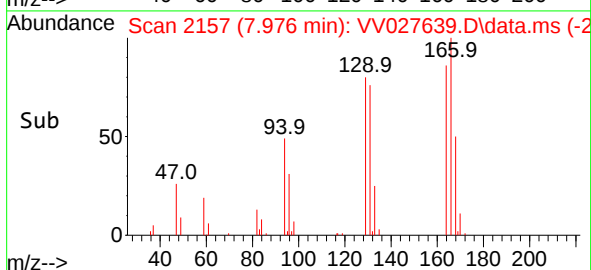
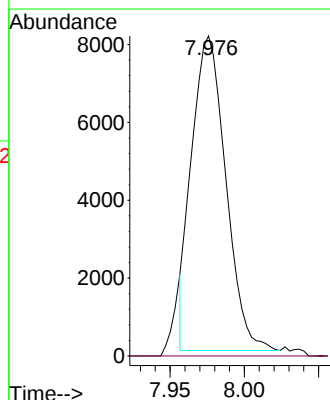
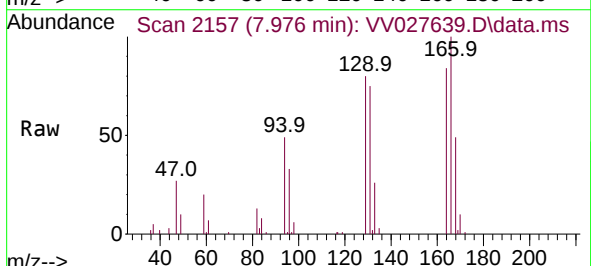
Acq: 01 Sep 2022 01:07

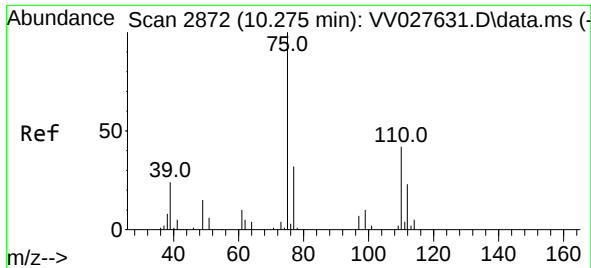
Tgt Ion:129 Resp: 12902

Ion Ratio Lower Upper

129 100

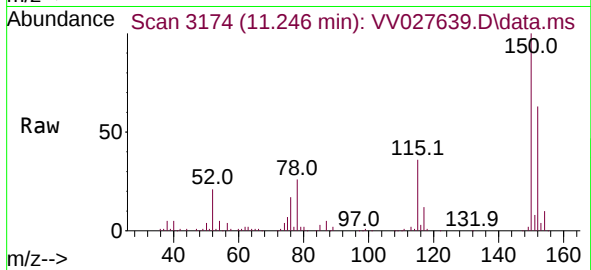
127 0.0 52.4 97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.258 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV027639.D
 Acq: 01 Sep 2022 01:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	7099
Ion	Ratio	Lower Upper
75	100	
77	30.3	25.8 38.6
110	2.8	29.8 44.8#

