

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027728.D
 Acq On : 02 Sep 2022 17:24
 Operator : SY/MD
 Sample : N4404-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 05:34:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

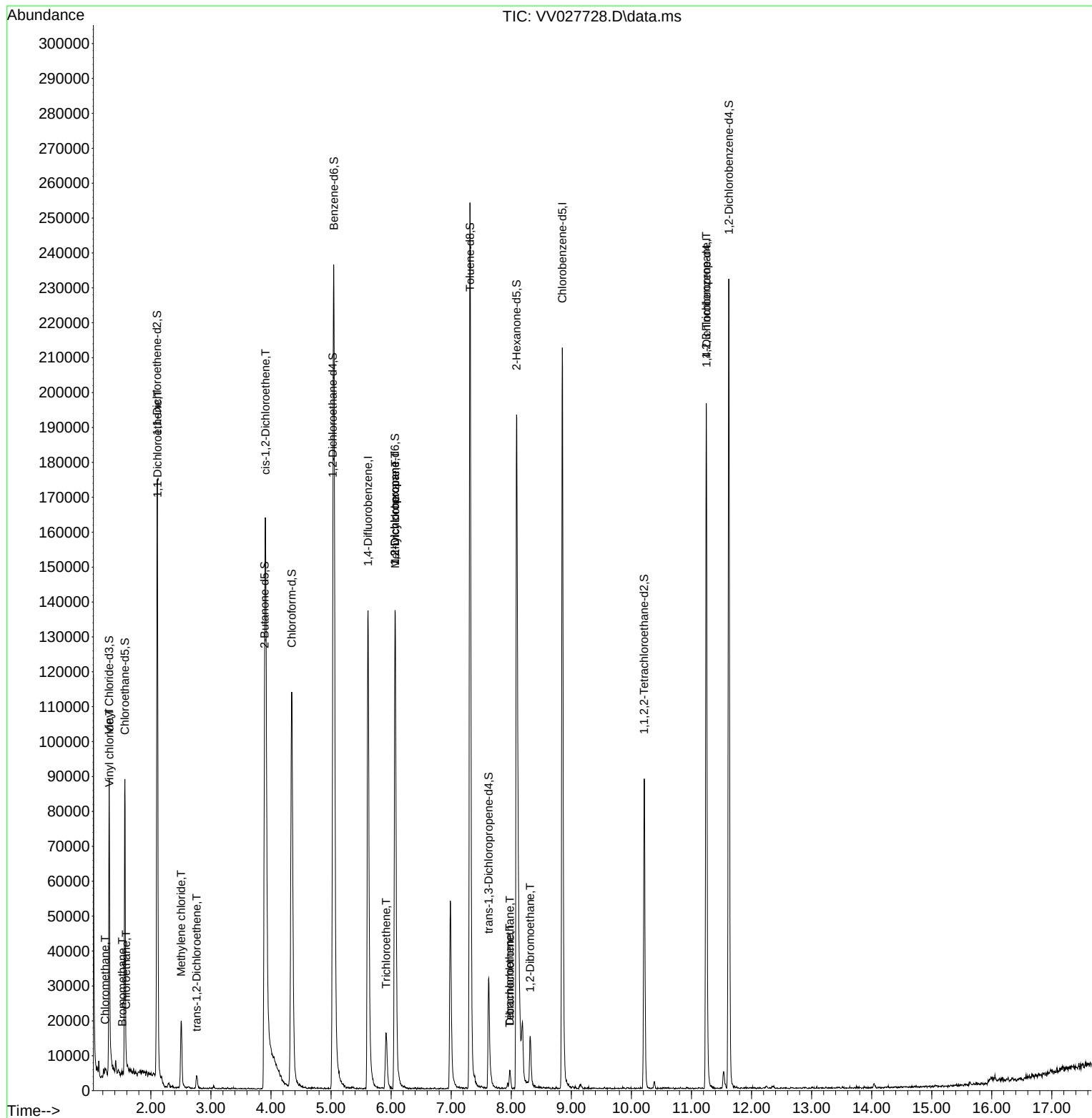
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122189	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58972	4.443	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.568	69	55478	4.995	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.105	63	93365	3.594	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.892	46	64913	28.923	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	57.840%	
24) Chloroform-d	4.346	84	120129	4.508	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.031	65	56222	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.047	84	216566	4.397	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.066	67	65298	4.286	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.314	98	174237	4.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	7.625	79	19779	4.214	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.088	63	79548	45.068	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.140%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41173	4.199	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59445	4.986	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	976	0.061	ug/L #	71
5) Vinyl chloride	1.311	62	4655	0.307	ug/L #	75
6) Bromomethane	1.523	94	351	0.049	ug/L	91
8) Chloroethane	1.590	64	1116	0.132	ug/L #	79
12) 1,1-Dichloroethene	2.111	96	821	0.080	ug/L #	1
16) Methylene chloride	2.507	84	8135	0.632	ug/L	91
18) trans-1,2-Dichloroethene	2.764	96	1478	0.128	ug/L	97
22) cis-1,2-Dichloroethene	3.909	96	77780	6.741	ug/L	88
34) Trichloroethene	5.915	95	5549	0.481	ug/L	93
35) Methylcyclohexane	6.069	83	16408	0.917	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	7947	0.671	ug/L #	89
47) Tetrachloroethene	7.973	164	1290	0.138	ug/L	90
49) Dibromochloromethane	7.979	129	1336	0.148	ug/L #	12
50) 1,2-Dibromoethane	8.317	107	231	0.034	ug/L #	1
61) 1,2,3-Trichloropropane	11.246	75	5882	1.092	ug/L #	67

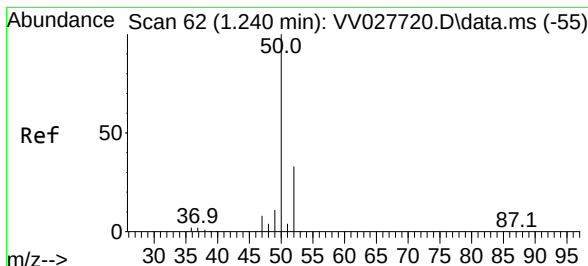
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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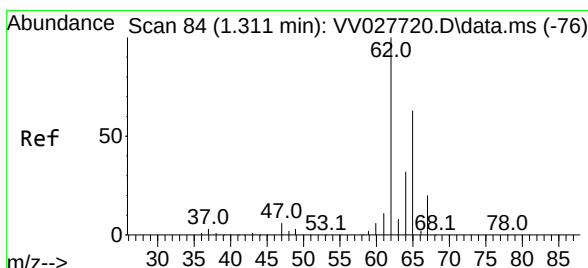
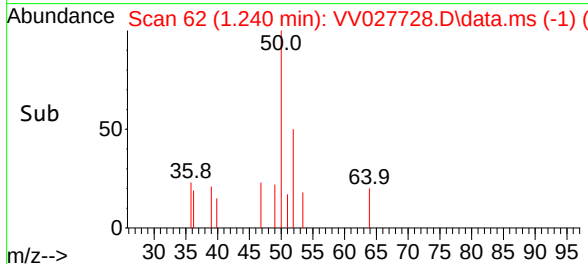
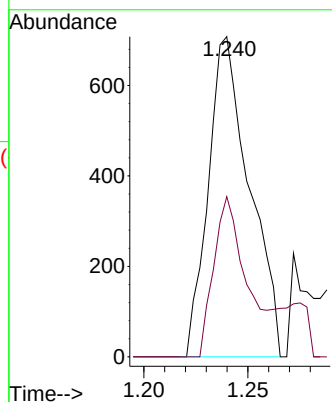
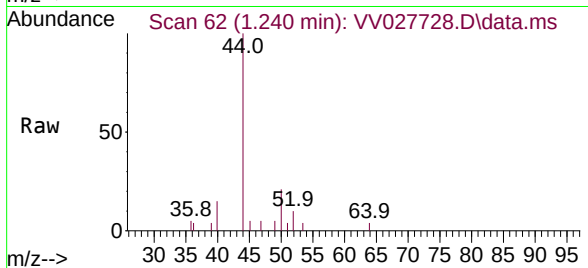




#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027728.D
Acq: 02 Sep 2022 17:24

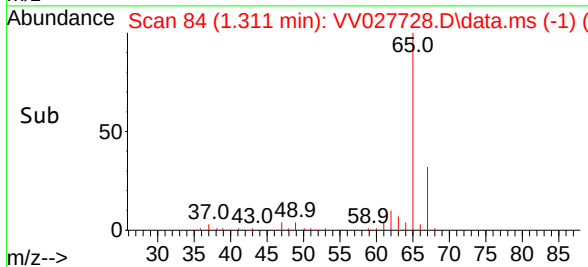
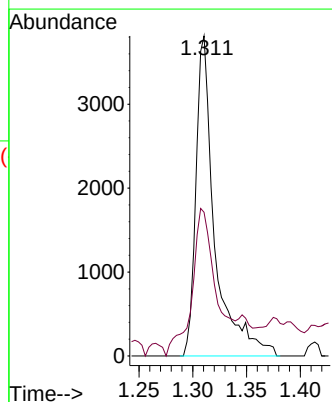
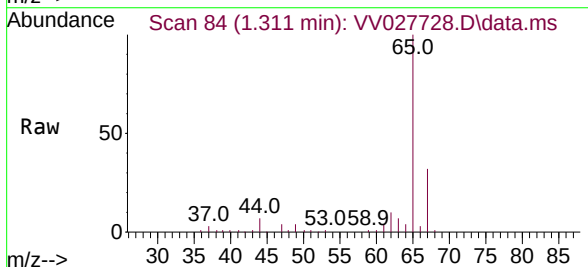
Instrument :
MSVOA_V
ClientSampleId :

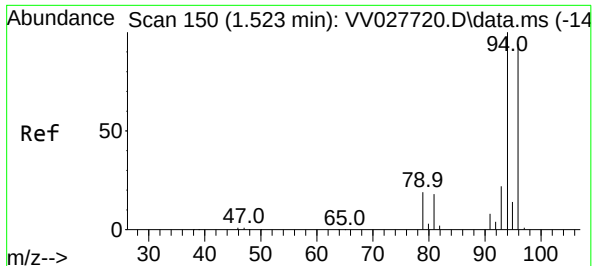
Tgt Ion: 50 Resp: 976
Ion Ratio Lower Upper
50 100
52 50.0 23.5 43.7#



#5
Vinyl chloride
Concen: 0.307 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV027728.D
Acq: 02 Sep 2022 17:24

Tgt Ion: 62 Resp: 4655
Ion Ratio Lower Upper
62 100
64 44.9 21.8 40.4#

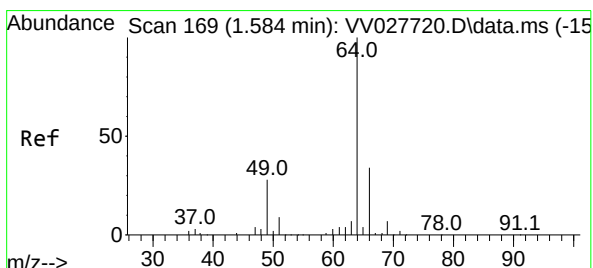
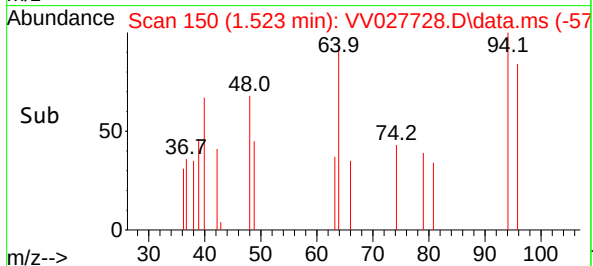
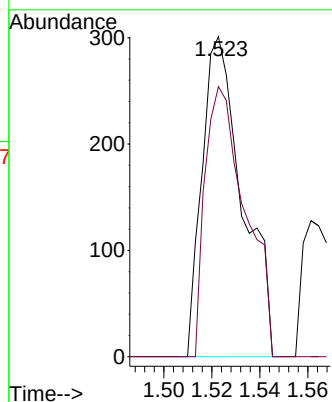
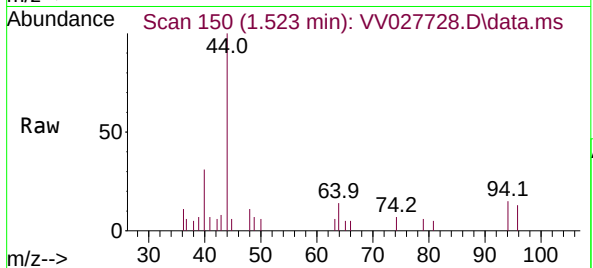




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027728.D
Acq: 02 Sep 2022 17:24

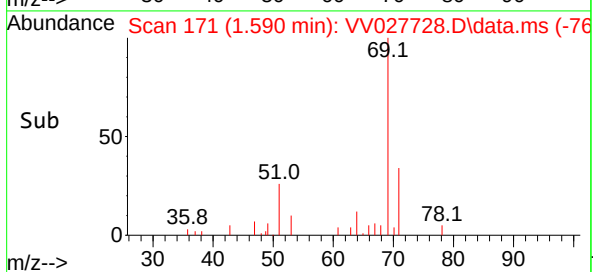
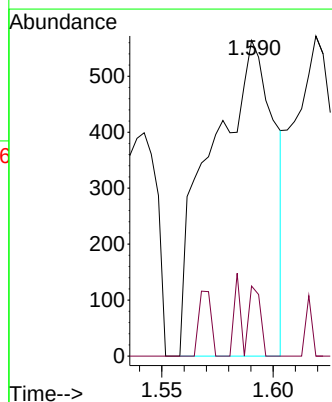
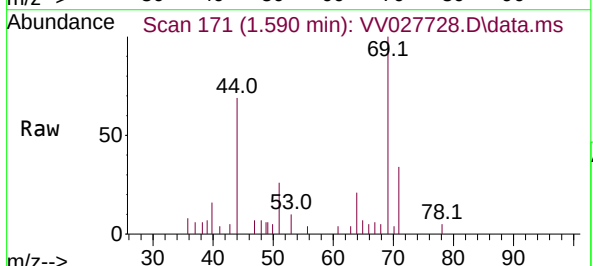
Instrument :
MSVOA_V
ClientSampleId :

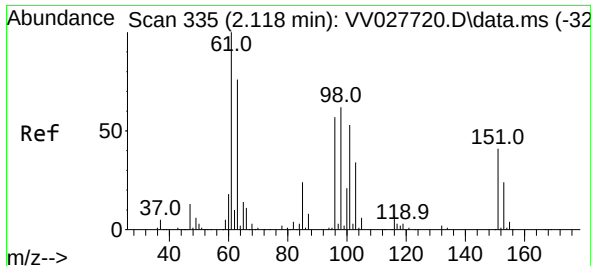
Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 84.4 65.1 120.9



#8
Chloroethane
Concen: 0.132 ug/L
RT: 1.590 min Scan# 171
Delta R.T. 0.006 min
Lab File: VV027728.D
Acq: 02 Sep 2022 17:24

Tgt Ion: 64 Resp: 1116
Ion Ratio Lower Upper
64 100
66 22.2 24.0 44.6#





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

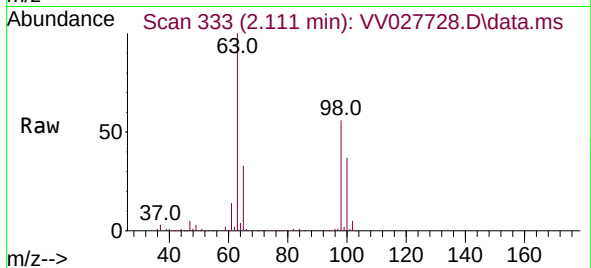
Lab File: VV027728.D

Acq: 02 Sep 2022 17:24

Instrument :

MSVOA_V

ClientSampleId :



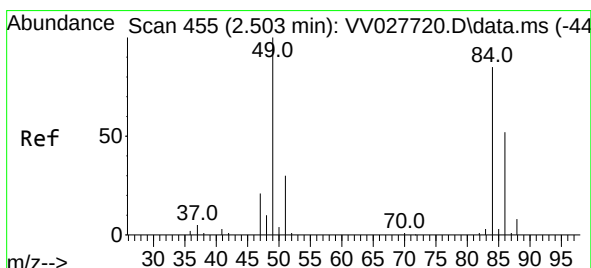
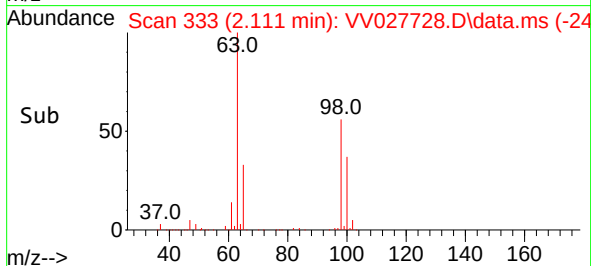
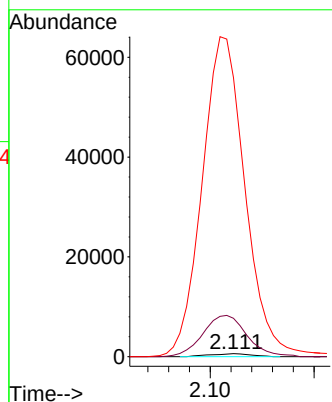
Tgt Ion: 96 Resp: 821

Ion Ratio Lower Upper

96 100

61 1264.0 134.3 249.3#

63 9200.0 105.7 196.3#



#16

Methylene chloride

Concen: 0.632 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV027728.D

Acq: 02 Sep 2022 17:24

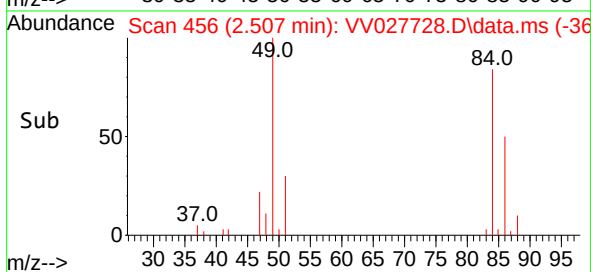
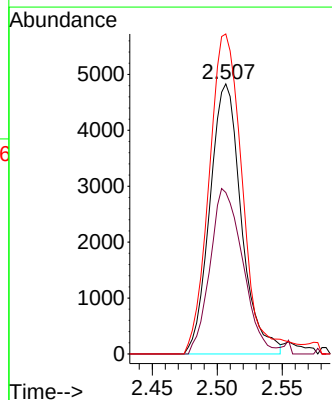
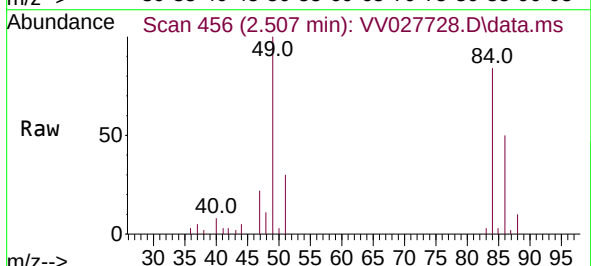
Tgt Ion: 84 Resp: 8135

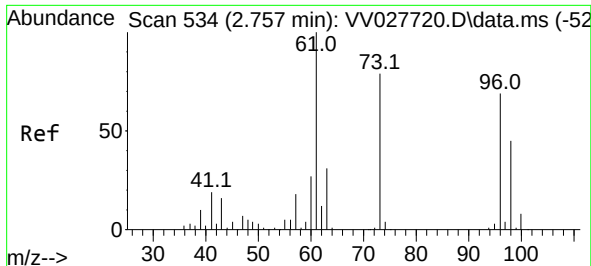
Ion Ratio Lower Upper

84 100

86 59.8 43.9 81.5

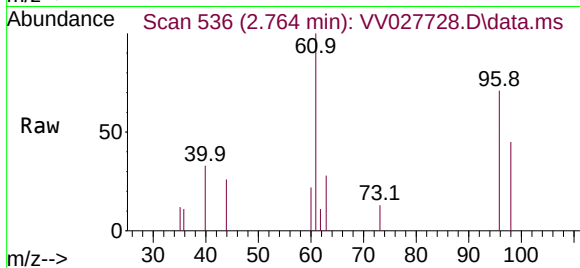
49 118.5 92.5 171.7



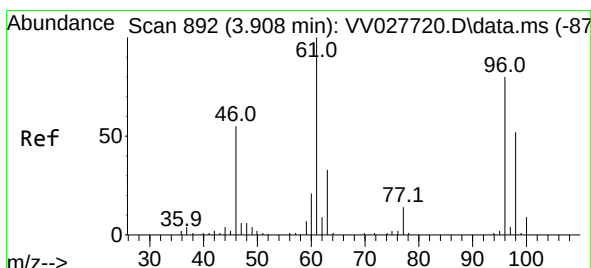
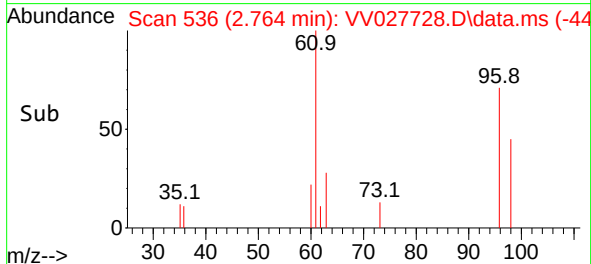
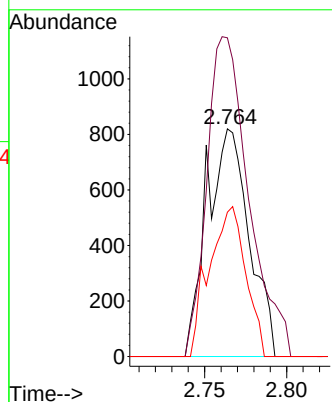


#18
trans-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027728.D
Acq: 02 Sep 2022 17:24

Instrument :
MSVOA_V
ClientSampleId :

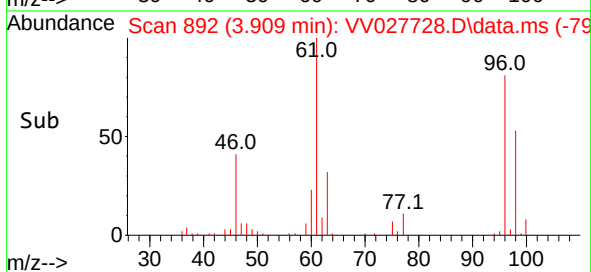
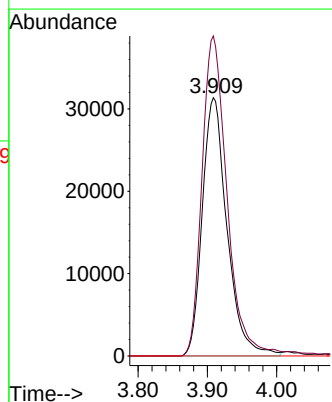
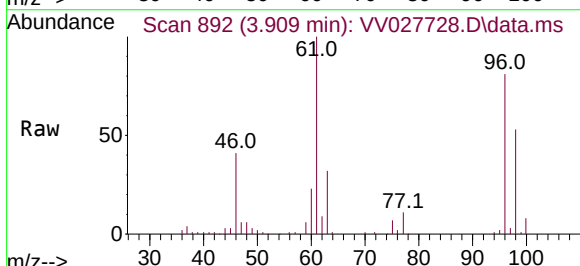


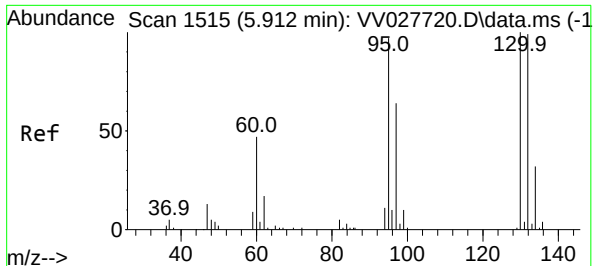
Tgt Ion: 96 Resp: 1478
Ion Ratio Lower Upper
96 100
61 140.0 101.8 189.0
98 63.4 44.9 83.3



#22
cis-1,2-Dichloroethene
Concen: 6.741 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV027728.D
Acq: 02 Sep 2022 17:24

Tgt Ion: 96 Resp: 77780
Ion Ratio Lower Upper
96 100
61 123.9 96.9 180.1
68 0.0 0.0 0.0

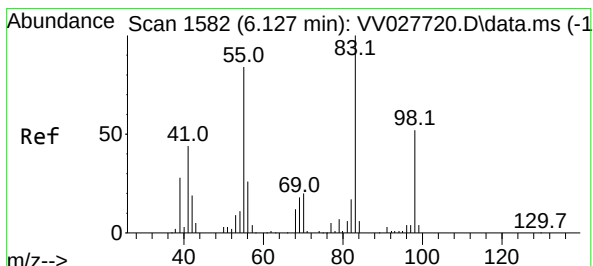
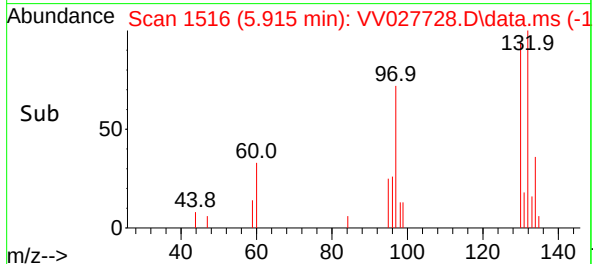
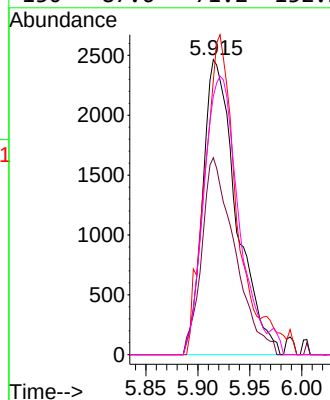
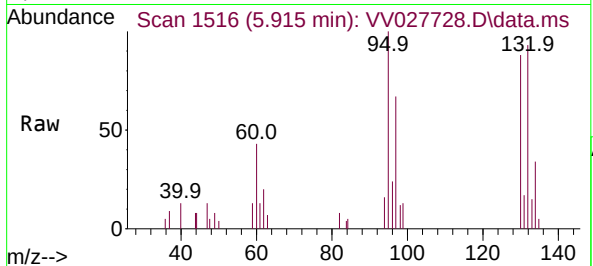




#34
Trichloroethene
Concen: 0.481 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027728.D
Acq: 02 Sep 2022 17:24

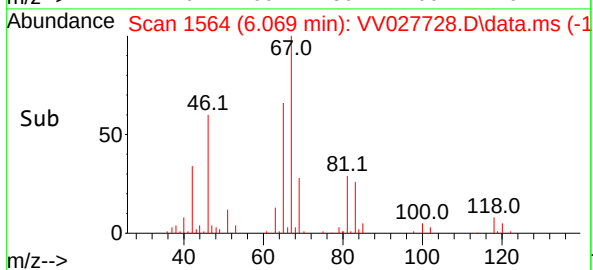
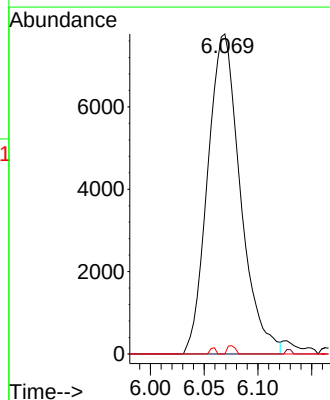
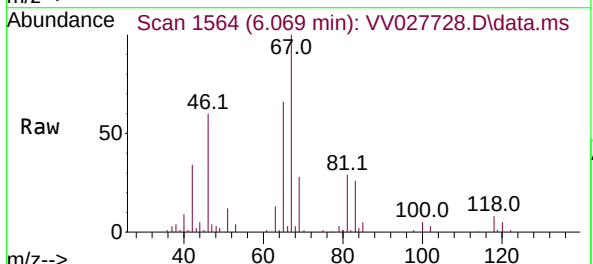
Instrument :
MSVOA_V
ClientSampleId :

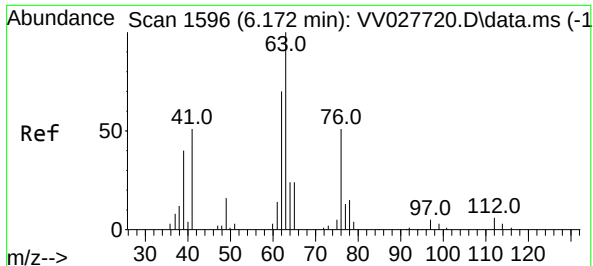
Tgt Ion: 95	Resp: 5549
Ion Ratio	Lower Upper
95 100	
97 66.8	46.1 85.5
132 93.0	67.3 125.1
130 87.6	71.2 132.2



#35
Methylcyclohexane
Concen: 0.917 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027728.D
Acq: 02 Sep 2022 17:24

Tgt Ion: 83	Resp: 16408
Ion Ratio	Lower Upper
83 100	
55 0.2	66.0 99.0#
98 0.6	36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.671 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV027728.D

Acq: 02 Sep 2022 17:24

Instrument :

MSVOA_V

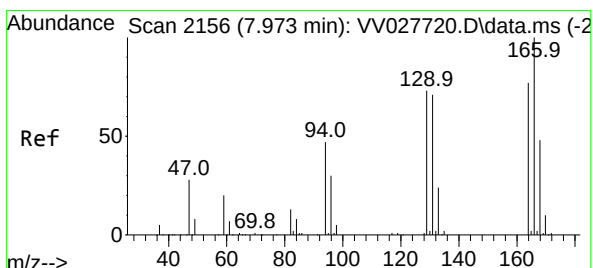
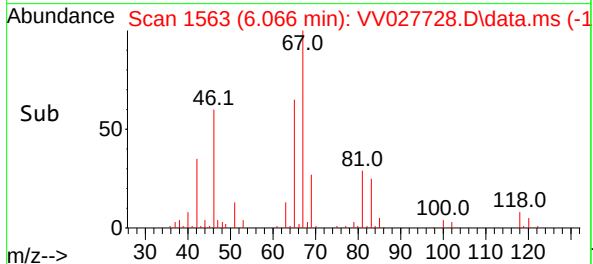
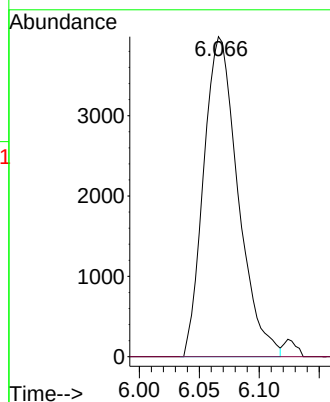
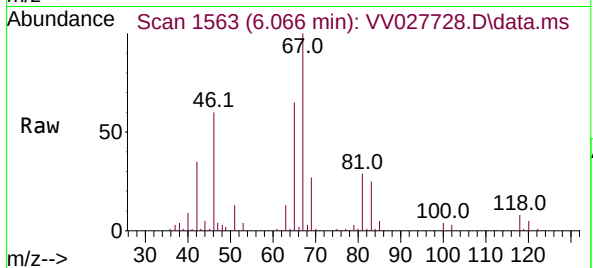
ClientSampleId :

Tgt Ion: 63 Resp: 7947

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#47

Tetrachloroethene

Concen: 0.138 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027728.D

Acq: 02 Sep 2022 17:24

Tgt Ion: 164 Resp: 1290

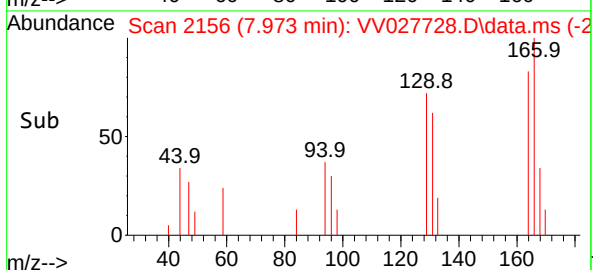
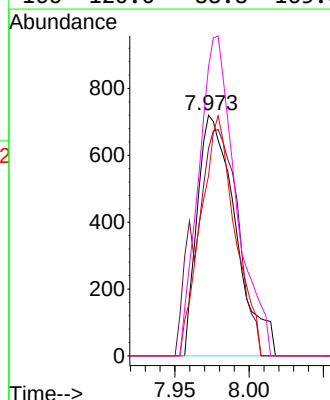
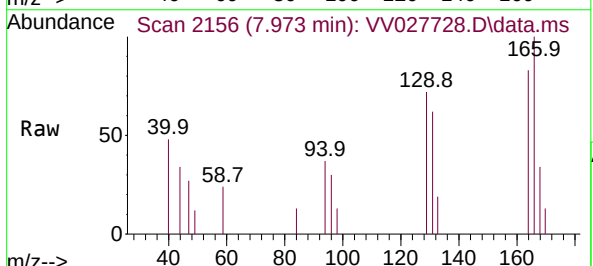
Ion Ratio Lower Upper

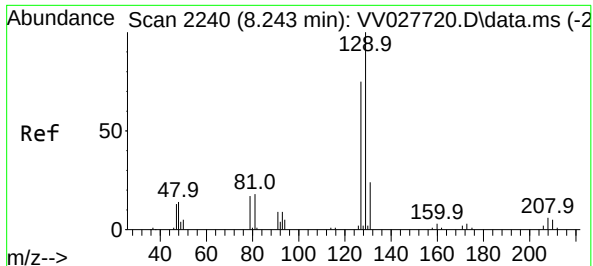
164 100

129 86.1 65.9 122.3

131 74.7 64.5 119.7

166 120.0 88.8 165.0





#49

Dibromochloromethane

Concen: 0.148 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027728.D

Acq: 02 Sep 2022 17:24

Instrument :

MSVOA_V

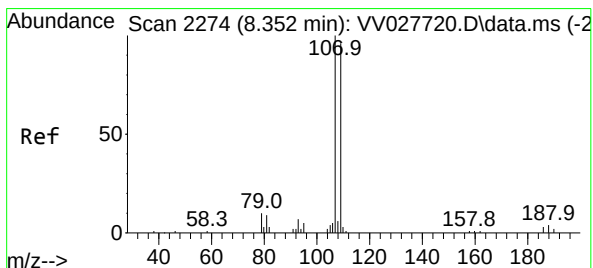
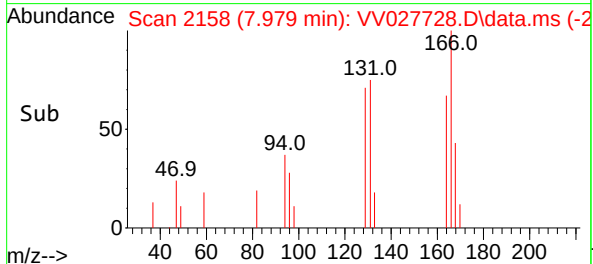
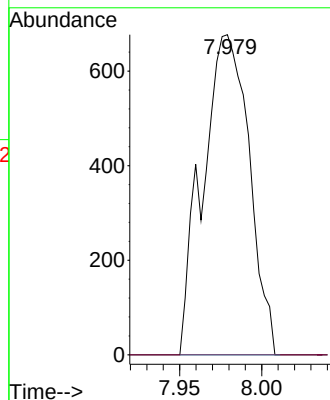
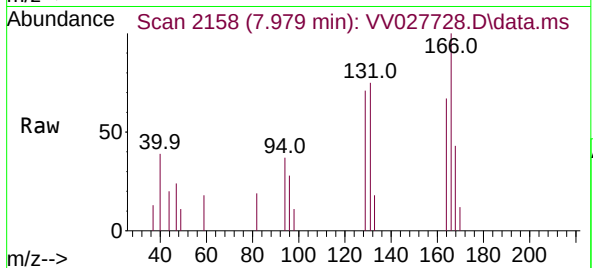
ClientSampleId :

Tgt Ion:129 Resp: 1336

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#50

1,2-Dibromoethane

Concen: 0.034 ug/L

RT: 8.317 min Scan# 2263

Delta R.T. -0.035 min

Lab File: VV027728.D

Acq: 02 Sep 2022 17:24

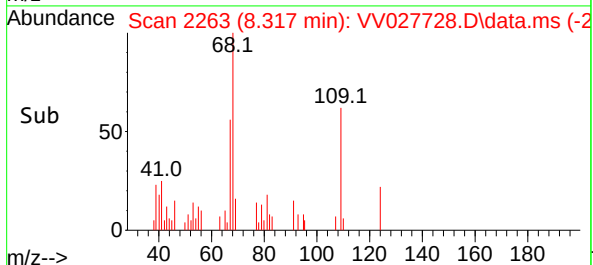
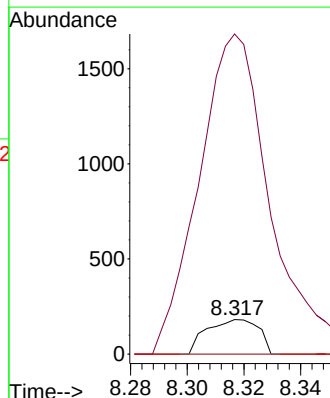
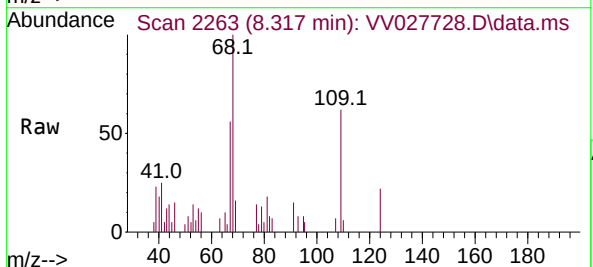
Tgt Ion:107 Resp: 231

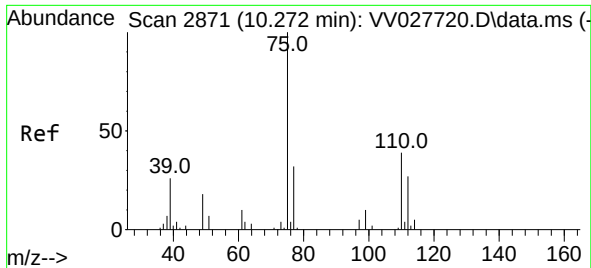
Ion Ratio Lower Upper

107 100

109 929.8 66.2 123.0#

188 0.0 2.6 3.8#





#61

1,2,3-Trichloropropane

Concen: 1.092 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

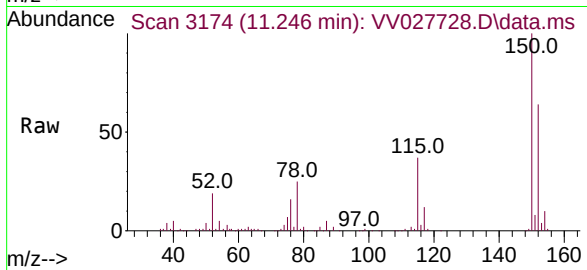
Lab File: VV027728.D

Acq: 02 Sep 2022 17:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5882

Ion Ratio Lower Upper

75 100

77 29.1 25.8 38.6

110 3.5 29.8 44.8#

