

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
 Data File : VV027860.D
 Acq On : 15 Sep 2022 17:03
 Operator : SY/MD
 Sample : N4652-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ29

Quant Time: Sep 16 01:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117448	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	120410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59387	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31324	4.046	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.568	69	32900	5.010	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.108	63	51500	3.135	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.899	46	44306	25.824	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.640%
24) Chloroform-d	4.346	84	85396	5.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.031	65	42699	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.047	84	152282	4.359	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.066	67	42503	4.156	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.313	98	123069	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.622	79	14288	4.164	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.092	63	59716	46.822	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30987	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	49759	5.100	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%

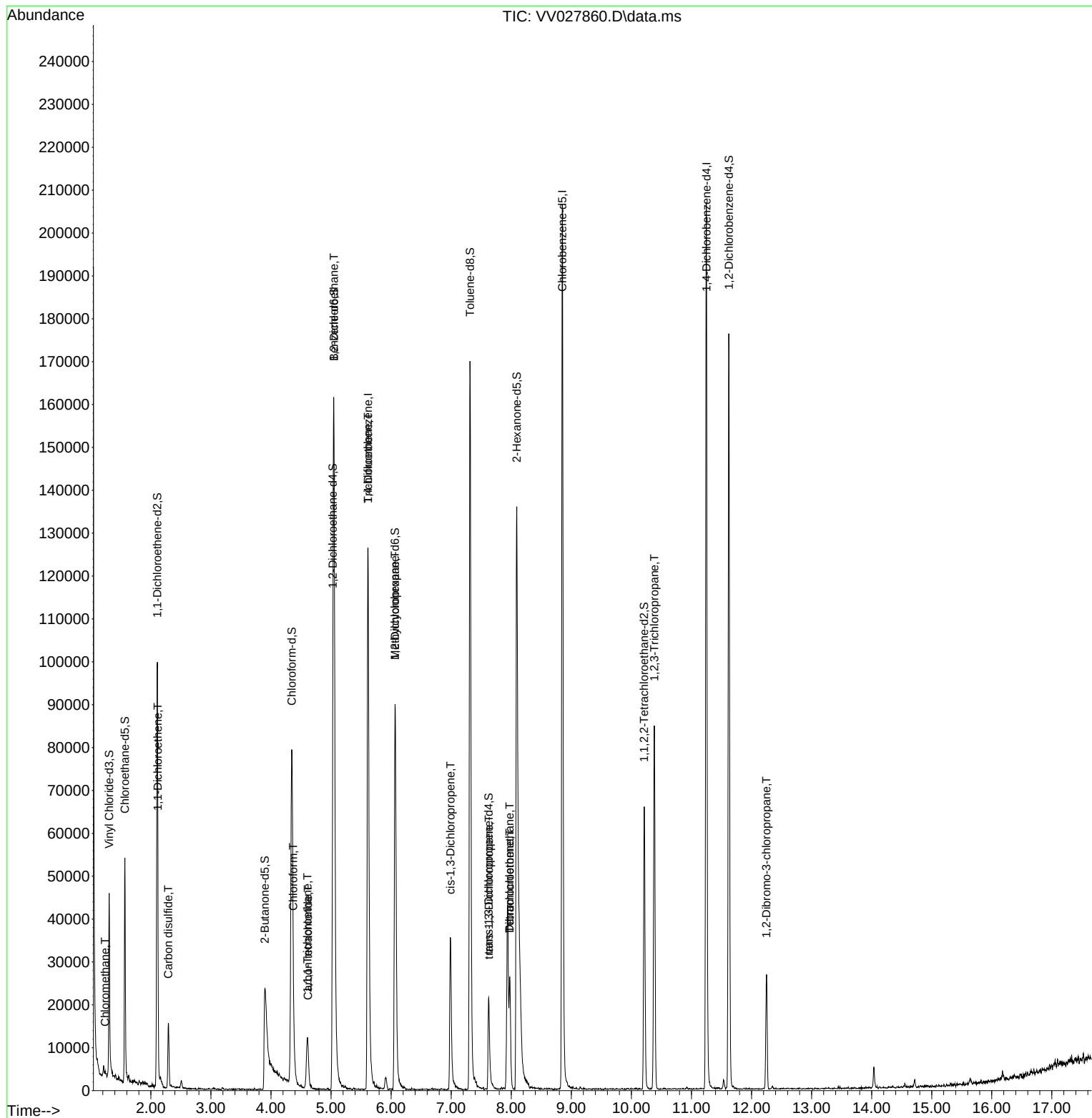
Target Compounds				Qvalue		
3) Chloromethane	1.240	50	464	0.044	ug/L	93
12) 1,1-Dichloroethene	2.118	96	986	0.127	ug/L #	1
14) Carbon disulfide	2.291	76	17121	0.741	ug/L	99
25) Chloroform	4.371	83	4008	0.234	ug/L	97
27) 1,2-Dichloroethane	5.047	62	960	0.093	ug/L #	75
29) 1,1,1-Trichloroethane	4.609	97	10051	0.543	ug/L	95
31) Carbon tetrachloride	4.616	117	1440	0.092	ug/L #	10
34) Trichloroethene	5.616	95	3300	0.332	ug/L #	5
35) Methylcyclohexane	6.066	83	12213	0.799	ug/L #	18
39) cis-1,3-Dichloropropene	6.989	75	1077	0.090	ug/L #	42
44) trans-1,3-Dichloropropene	7.629	75	805	0.081	ug/L	95
47) Tetrachloroethene	7.976	164	6127	0.767	ug/L	95
49) Dibromochloromethane	7.976	129	5716	0.736	ug/L #	10
61) 1,2,3-Trichloropropane	10.381	75	337	0.072	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.246	75	481	0.476	ug/L #	11

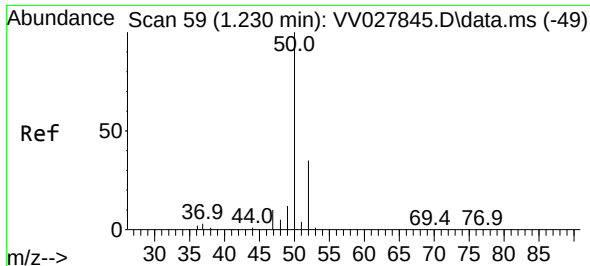
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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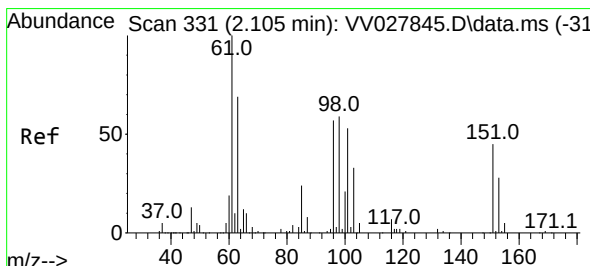
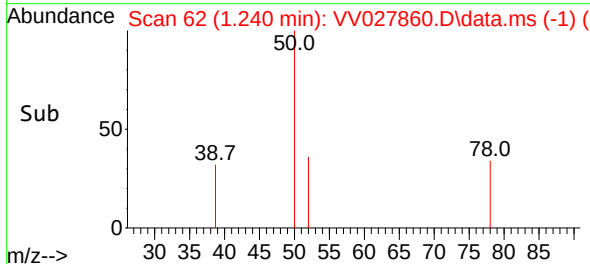
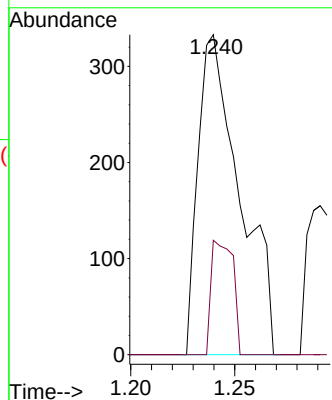
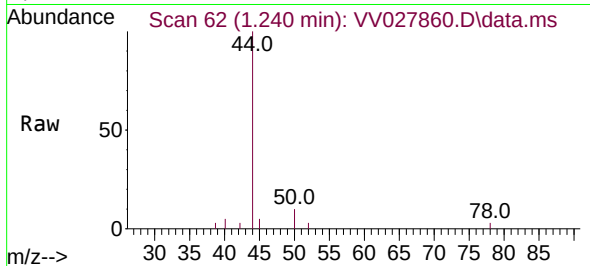




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027860.D
Acq: 15 Sep 2022 17:03

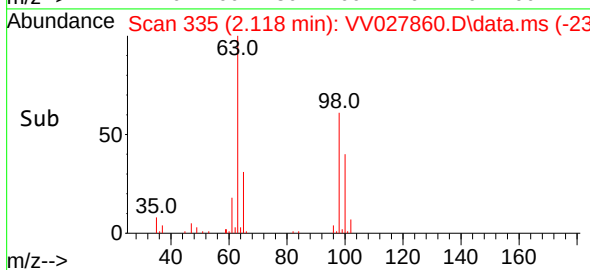
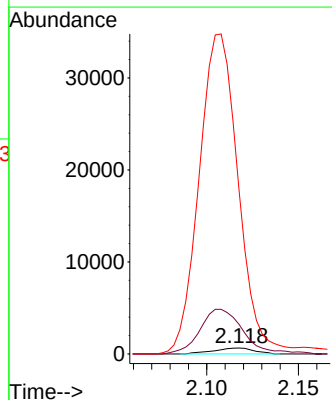
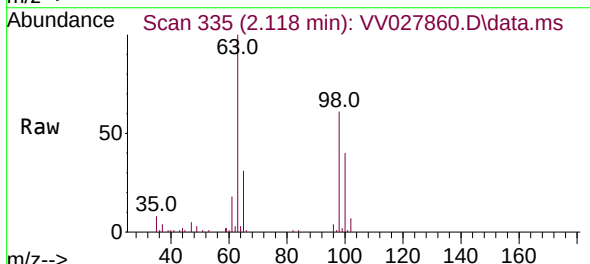
Instrument :
MSVOA_V
ClientSampleId :
EXZ29

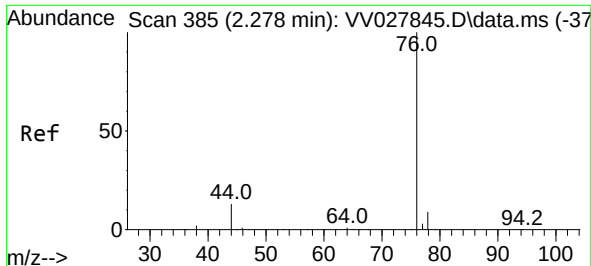
Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 35.7 22.1 41.1



#12
1,1-Dichloroethene
Concen: 0.127 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.013 min
Lab File: VV027860.D
Acq: 15 Sep 2022 17:03

Tgt Ion: 96 Resp: 986
Ion Ratio Lower Upper
96 100
61 504.7 129.9 241.3#
63 2799.4 94.6 175.8#

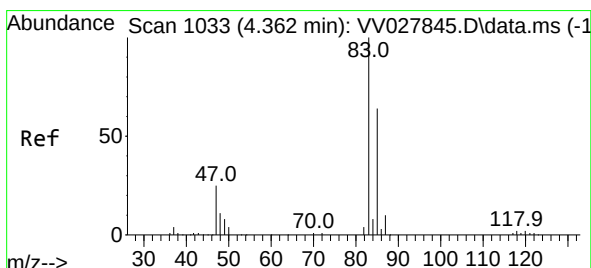
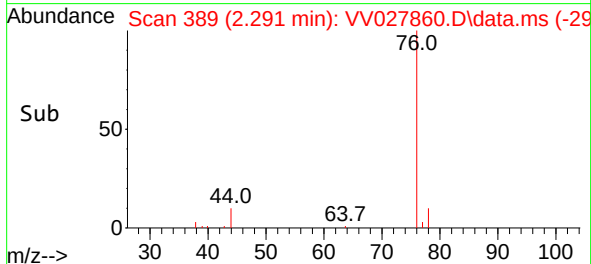
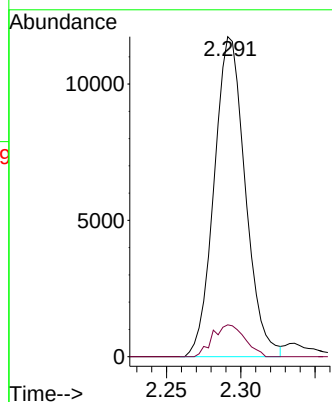
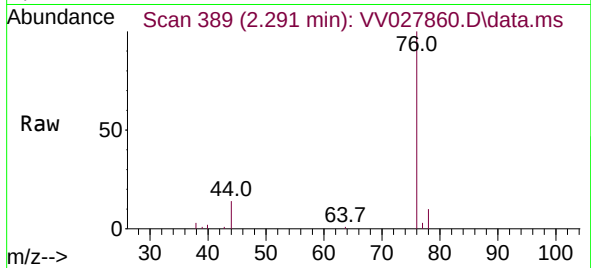




#14
Carbon disulfide
Concen: 0.741 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.013 min
Lab File: VV027860.D
Acq: 15 Sep 2022 17:03

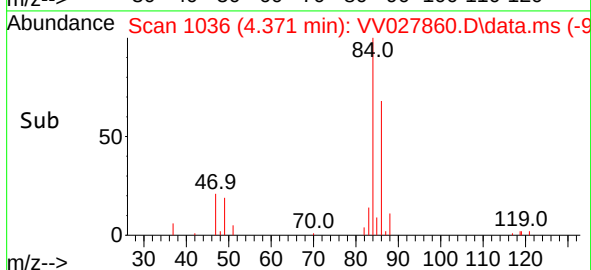
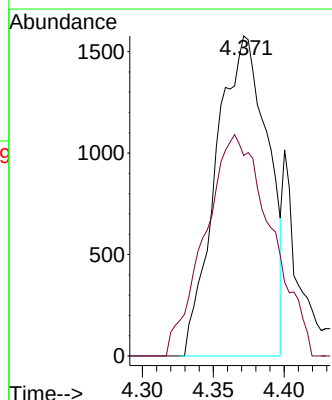
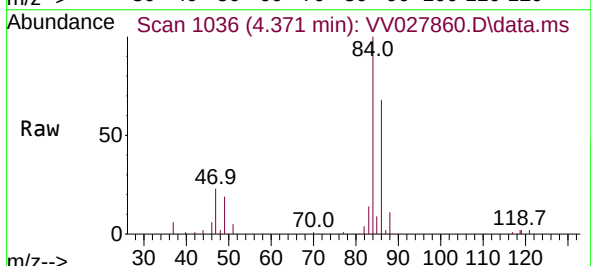
Instrument :
MSVOA_V
ClientSampleId :
EXZ29

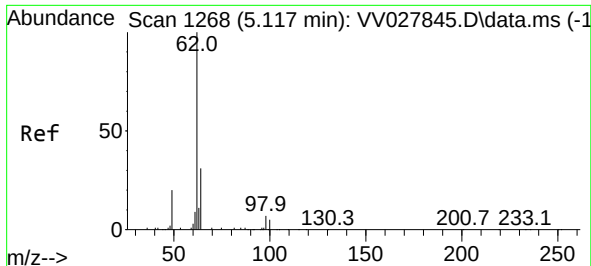
Tgt Ion: 76 Resp: 17121
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5



#25
Chloroform
Concen: 0.234 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV027860.D
Acq: 15 Sep 2022 17:03

Tgt Ion: 83 Resp: 4008
Ion Ratio Lower Upper
83 100
85 62.7 45.4 84.2





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV027860.D

Acq: 15 Sep 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

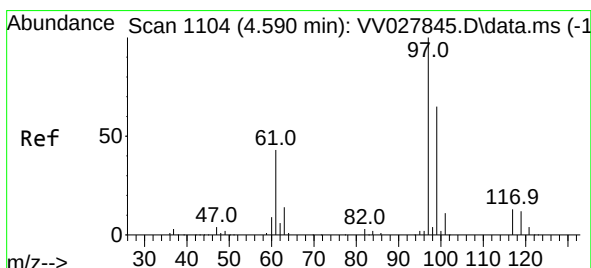
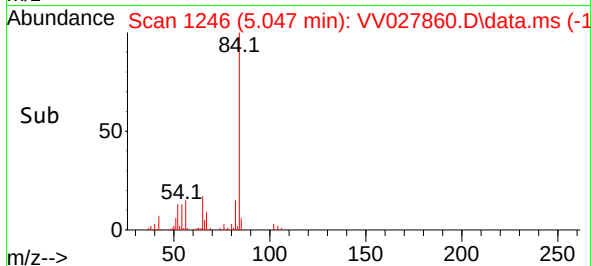
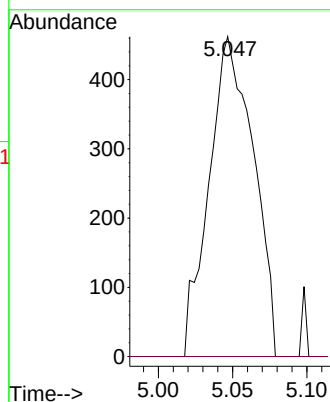
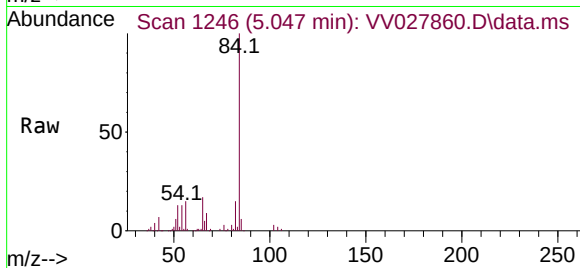
EXZ29

Tgt Ion: 62 Resp: 960

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#29

1,1,1-Trichloroethane

Concen: 0.543 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.019 min

Lab File: VV027860.D

Acq: 15 Sep 2022 17:03

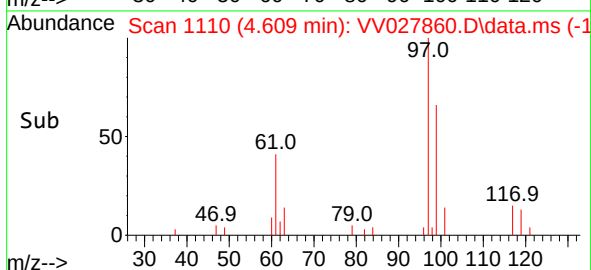
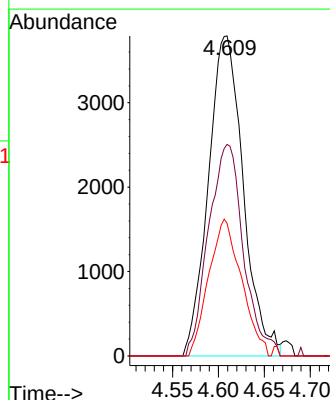
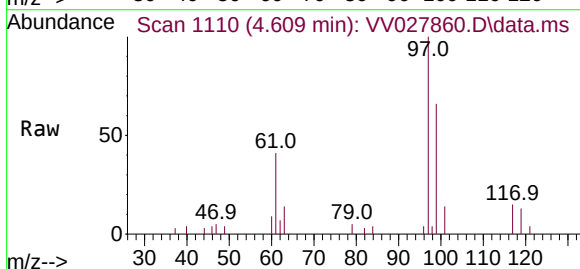
Tgt Ion: 97 Resp: 10051

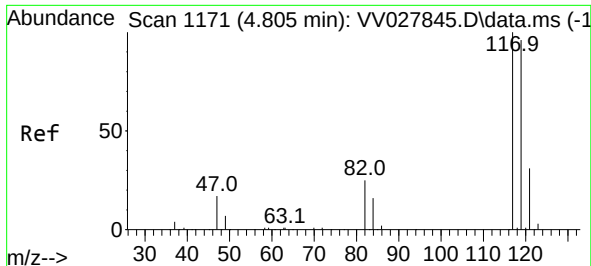
Ion Ratio Lower Upper

97 100

99 65.9 50.8 76.2

61 40.1 36.2 54.4

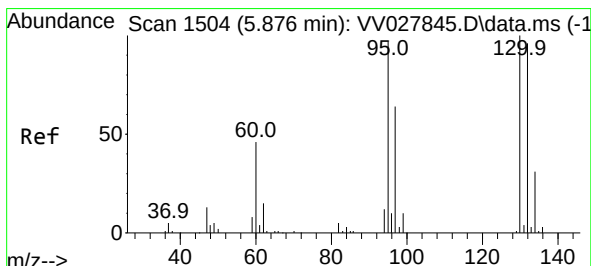
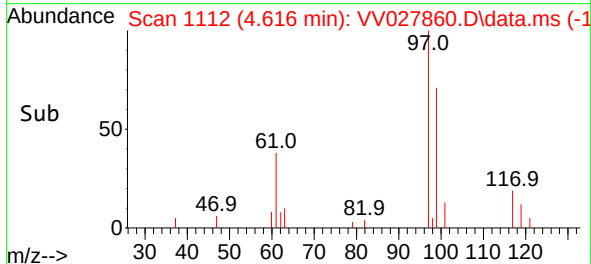
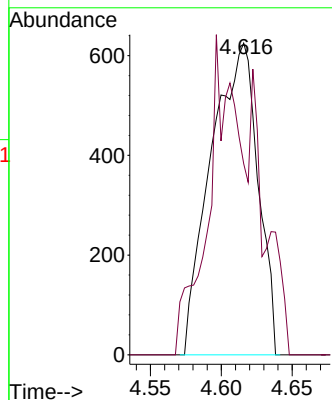
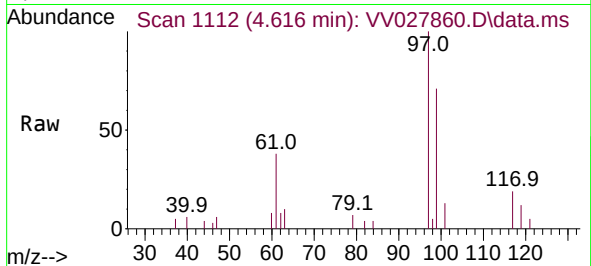




#31
Carbon tetrachloride
Concen: 0.092 ug/L
RT: 4.616 min Scan# 1171
Delta R.T. -0.190 min
Lab File: VV027860.D
Acq: 15 Sep 2022 17:03

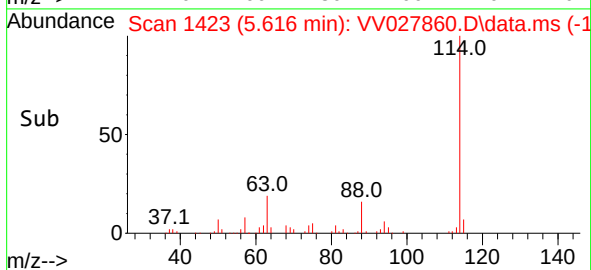
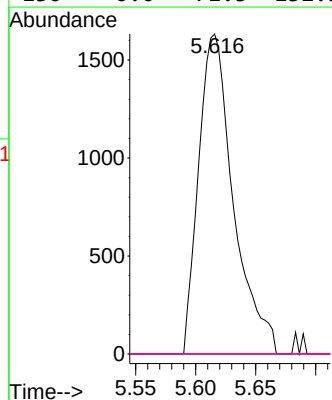
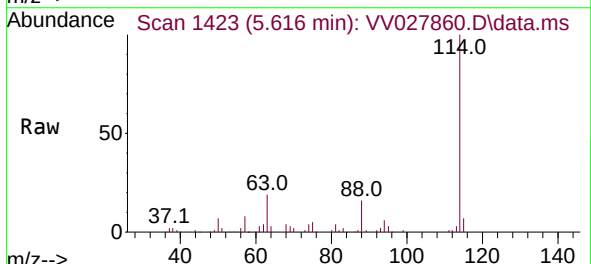
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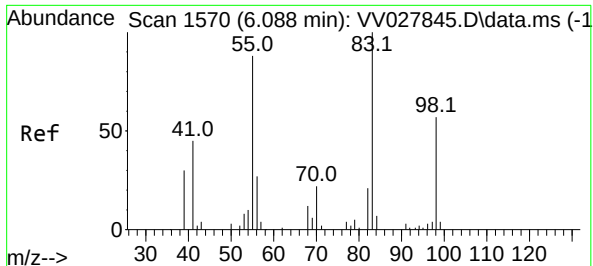
Tgt Ion:117 Resp: 1440
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.8#



#34
Trichloroethene
Concen: 0.332 ug/L
RT: 5.616 min Scan# 1423
Delta R.T. -0.260 min
Lab File: VV027860.D
Acq: 15 Sep 2022 17:03

Tgt Ion: 95 Resp: 3300
Ion Ratio Lower Upper
95 100
97 0.0 42.9 79.7#
132 0.0 67.9 126.1#
130 0.0 71.3 132.3#





#35

Methylcyclohexane

Concen: 0.799 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.022 min

Lab File: VV027860.D

Acq: 15 Sep 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

EXZ29

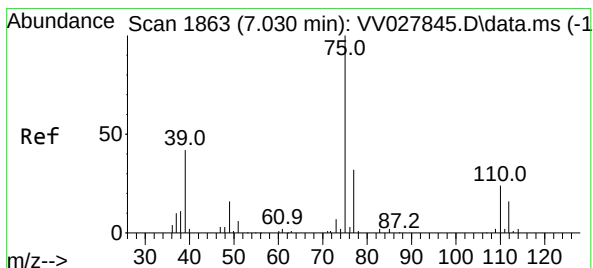
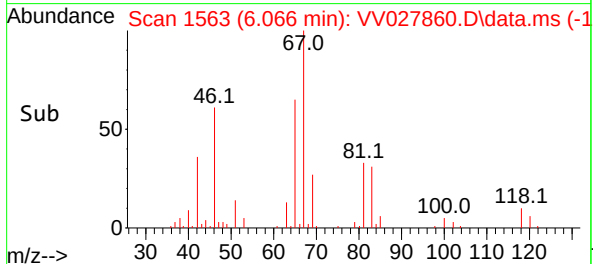
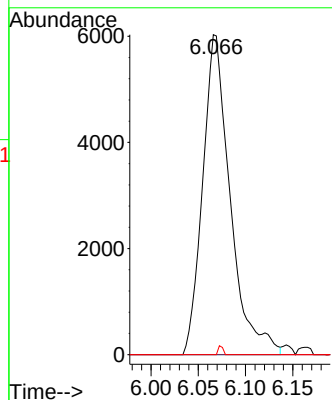
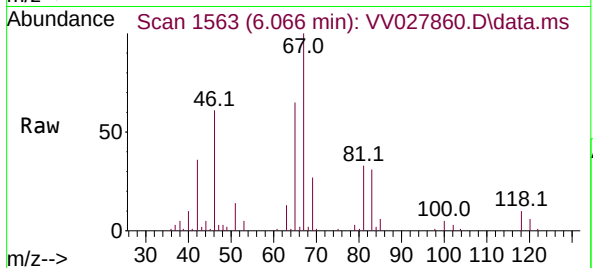
Tgt Ion: 83 Resp: 12213

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.5 37.5 56.3#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV027860.D

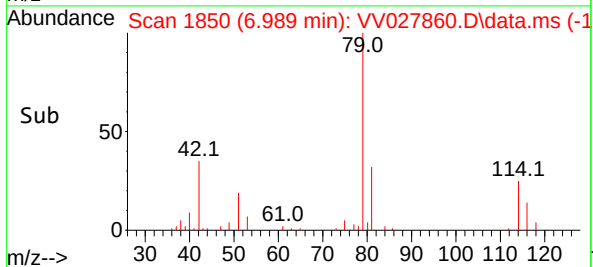
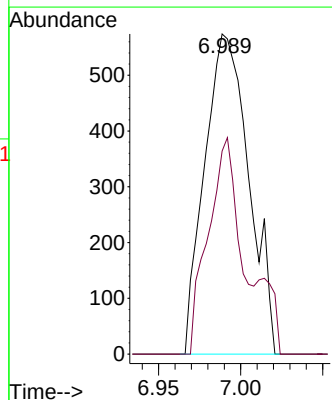
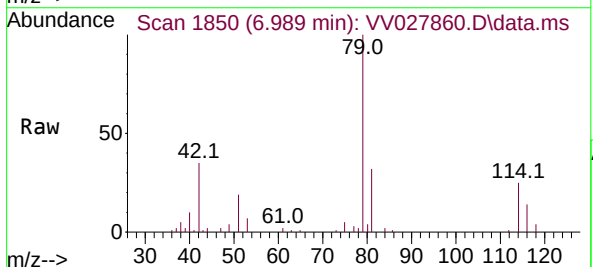
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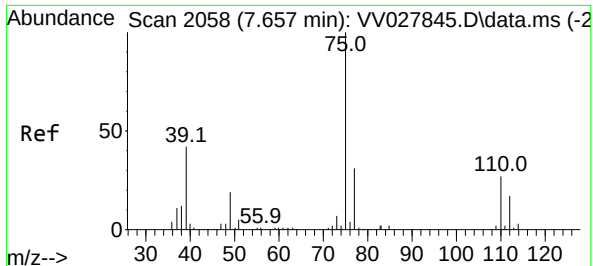
Tgt Ion: 75 Resp: 1077

Ion Ratio Lower Upper

75 100

77 63.4 22.0 40.8#

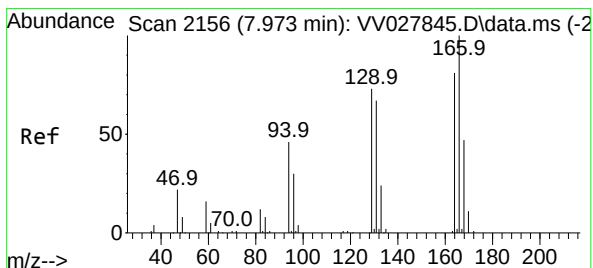
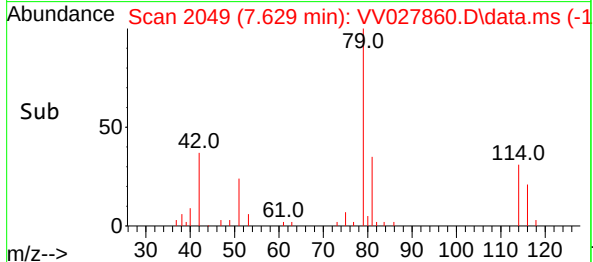
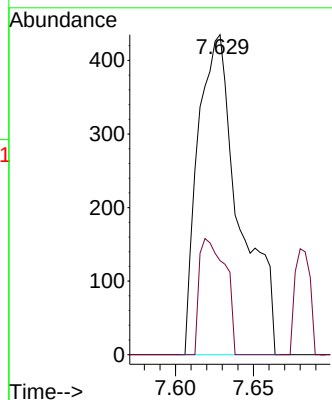
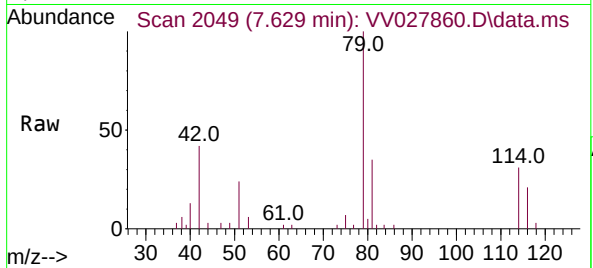




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.029 min
Lab File: VV027860.D
Acq: 15 Sep 2022 17:03

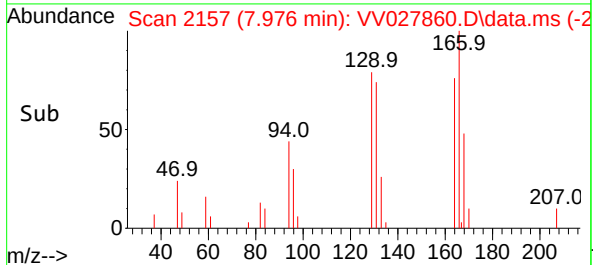
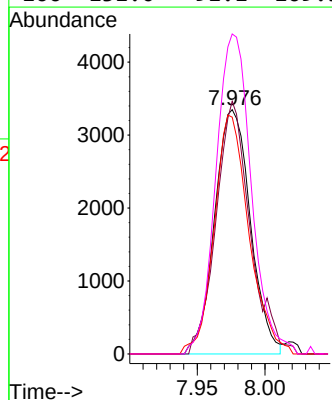
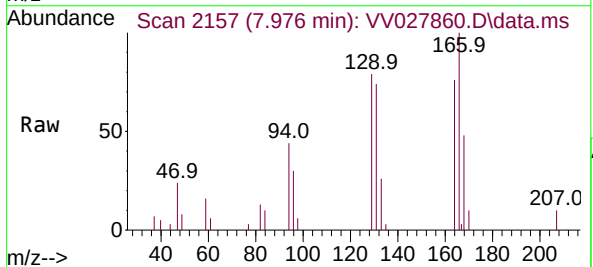
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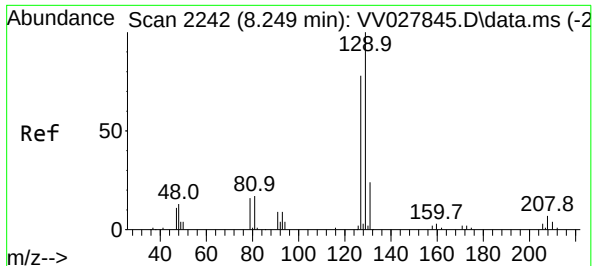
Tgt Ion: 75 Resp: 805
Ion Ratio Lower Upper
75 100
77 29.4 22.6 42.0



#47
Tetrachloroethene
Concen: 0.767 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027860.D
Acq: 15 Sep 2022 17:03

Tgt Ion: 164 Resp: 6127
Ion Ratio Lower Upper
164 100
129 103.4 67.2 124.8
131 96.9 61.5 114.3
166 131.0 91.1 169.3





#49

Dibromochloromethane

Concen: 0.736 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV027860.D

Acq: 15 Sep 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

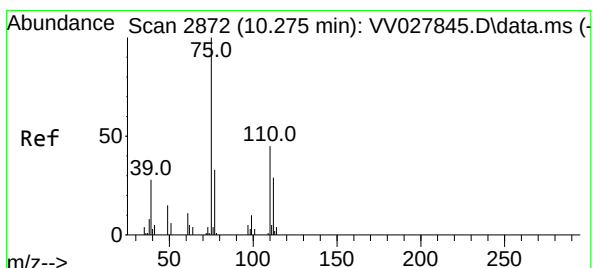
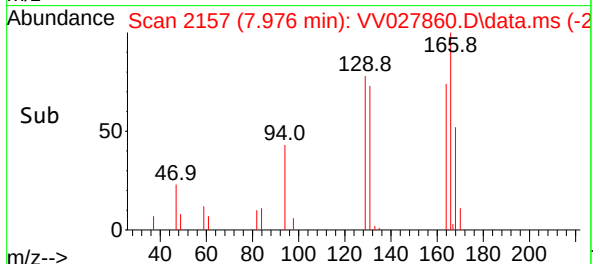
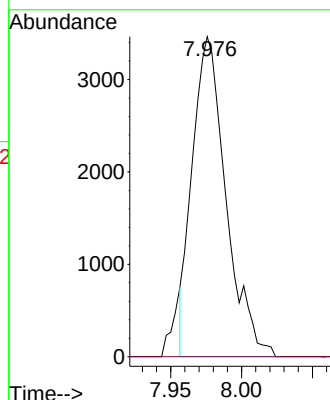
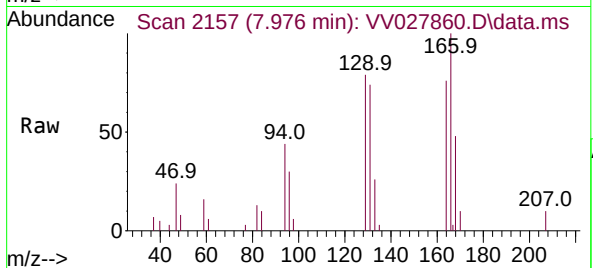
EXZ29

Tgt Ion:129 Resp: 5716

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 0.072 ug/L

RT: 10.381 min Scan# 2905

Delta R.T. 0.106 min

Lab File: VV027860.D

Acq: 15 Sep 2022 17:03

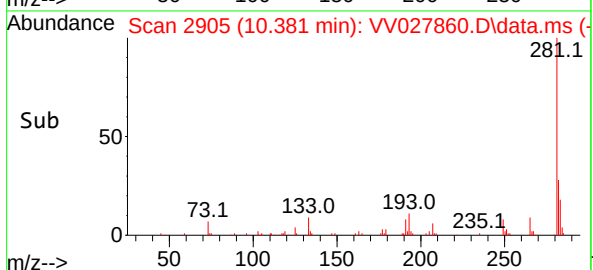
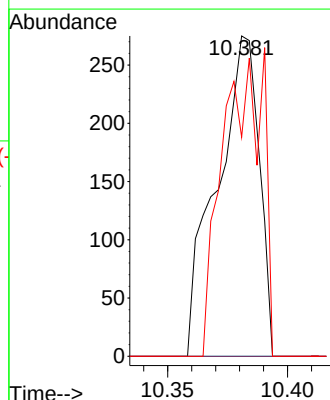
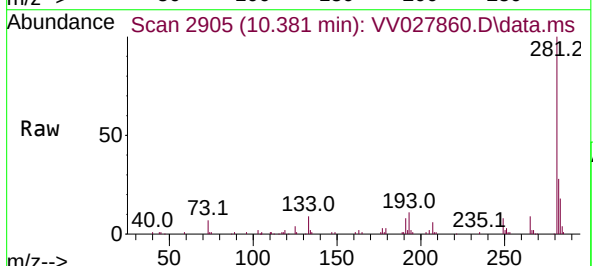
Tgt Ion: 75 Resp: 337

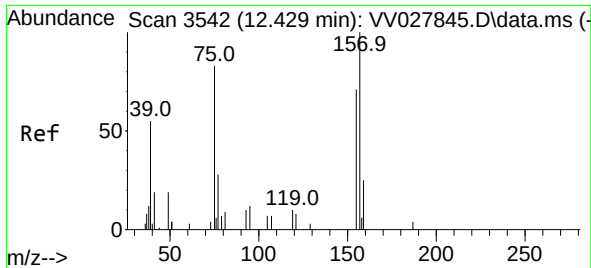
Ion Ratio Lower Upper

75 100

77 0.0 27.6 41.4#

110 51.3 35.6 53.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.476 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.183 min

Lab File: VV027860.D

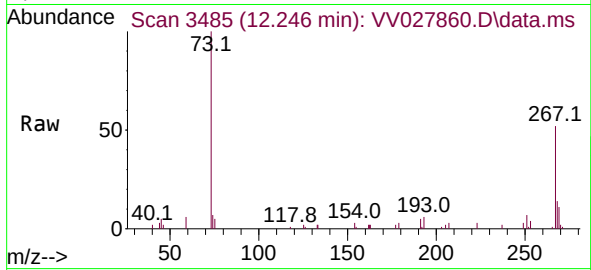
Acq: 15 Sep 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

EXZ29



Tgt Ion: 75 Resp: 481

Ion Ratio Lower Upper

75 100

155 30.1 71.9 107.9#

157 0.0 95.1 142.7#

