

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
 Data File : VV027859.D
 Acq On : 15 Sep 2022 16:39
 Operator : SY/MD
 Sample : N4652-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

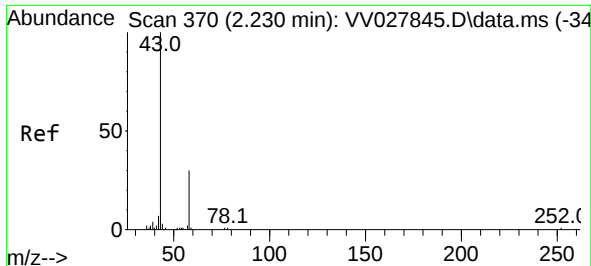
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ18

Quant Time: Sep 16 01:34:05 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	121192	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	123181	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29263	3.663	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.568	69	31395	4.633	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.105	63	52302	3.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.905	46	39640	22.390	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	44.780%
24) Chloroform-d	4.346	84	79792	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	39373	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.047	84	141089	3.948	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.066	67	40280	3.850	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.313	98	114846	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.625	79	13023	3.710	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.091	63	51633	39.573	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27271	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	43786	4.450	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
13) Acetone	2.188	43	11339	8.596	ug/L	88
14) Carbon disulfide	2.291	76	3976626	166.739	ug/L	99
15) Methyl Acetate	2.336	43	948	0.271	ug/L #	73
22) cis-1,2-Dichloroethene	3.924	96	642	0.069	ug/L #	58
29) 1,1,1-Trichloroethane	4.606	97	497	0.026	ug/L #	74
35) Methylcyclohexane	6.069	83	11209	0.717	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5093	0.528	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	983	0.081	ug/L	86
47) Tetrachloroethene	7.976	164	1893	0.232	ug/L	89
49) Dibromochloromethane	7.973	129	1679	0.211	ug/L #	10
53) m,p-Xylene	9.143	106	604	0.038	ug/L	75
60) Isopropylbenzene	10.535	105	2366	0.063	ug/L #	73
62) 1,3,5-Trimethylbenzene	10.535	105	2366	0.224	ug/L	90
63) 1,2,4-Trimethylbenzene	10.535	105	2366	0.079	ug/L	94

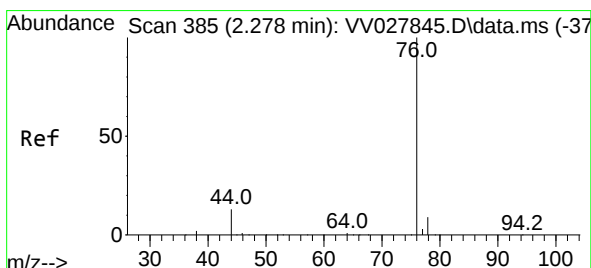
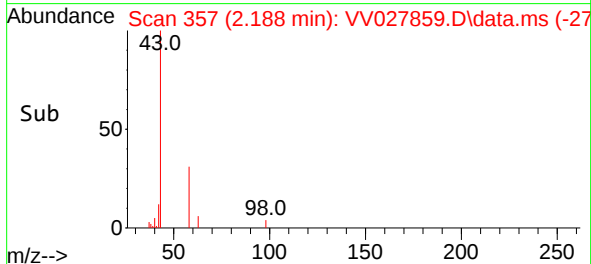
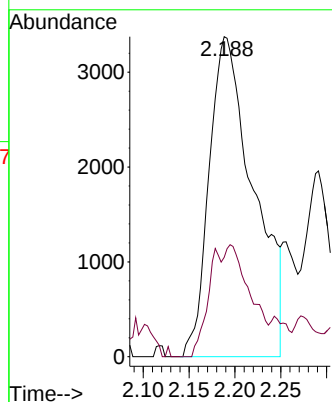
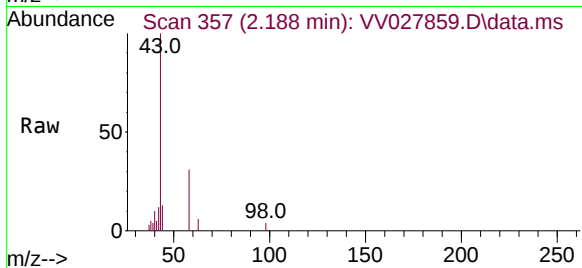
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 8.596 ug/L
RT: 2.188 min Scan# 311
Delta R.T. -0.042 min
Lab File: VV027859.D
Acq: 15 Sep 2022 16:39

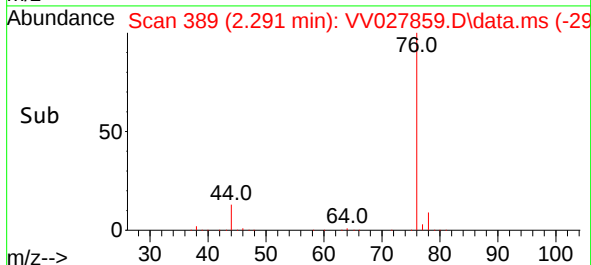
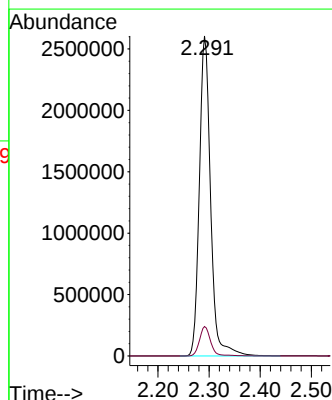
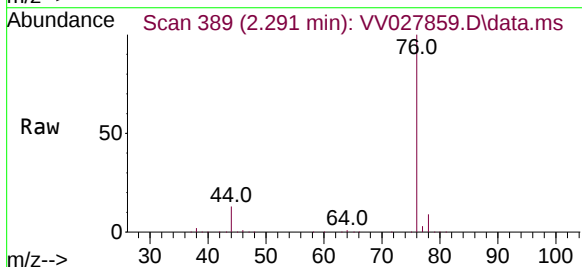
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MSVOA_V
ClientSampleId :
EXZ18

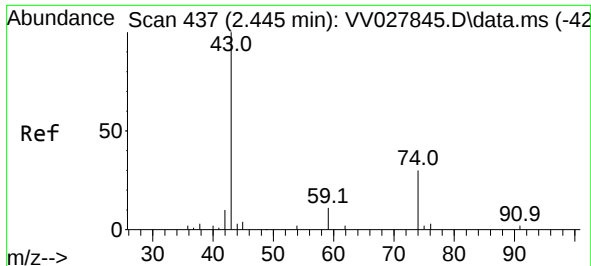
Tgt Ion: 43 Resp: 11339
Ion Ratio Lower Upper
43 100
58 18.5 0.0 49.4



#14
Carbon disulfide
Concen: 166.739 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.013 min
Lab File: VV027859.D
Acq: 15 Sep 2022 16:39

Tgt Ion: 76 Resp: 3976626
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

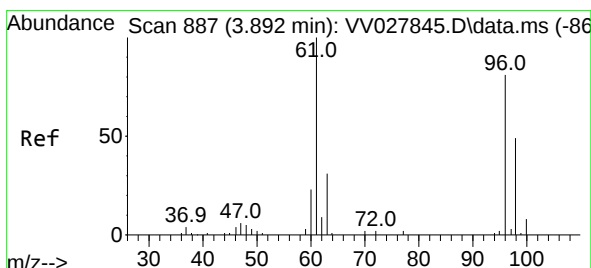
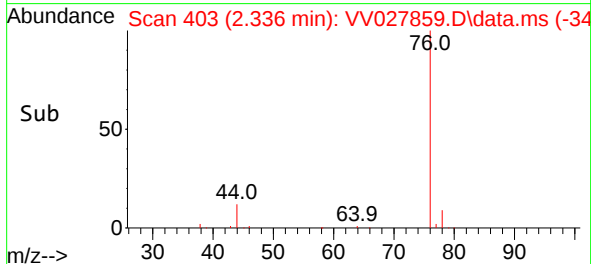
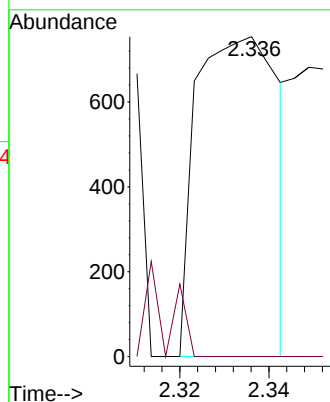
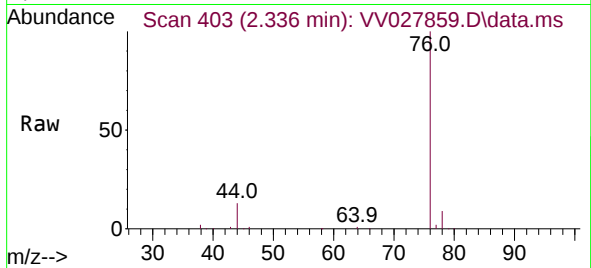




#15
Methyl Acetate
Concen: 0.271 ug/L
RT: 2.336 min Scan# 403
Delta R.T. -0.109 min
Lab File: VV027859.D
Acq: 15 Sep 2022 16:39

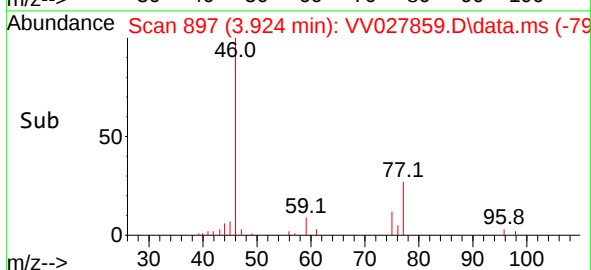
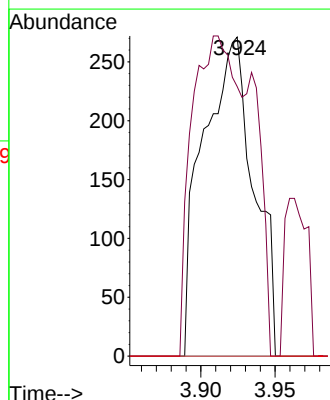
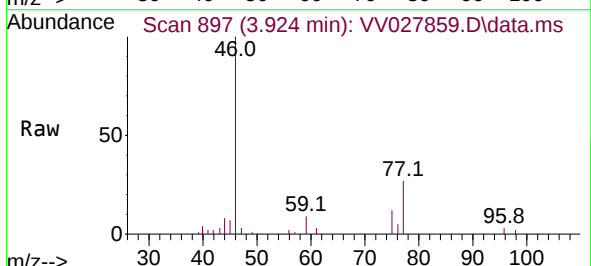
Instrument :
MSVOA_V
ClientSampleId :
EXZ18

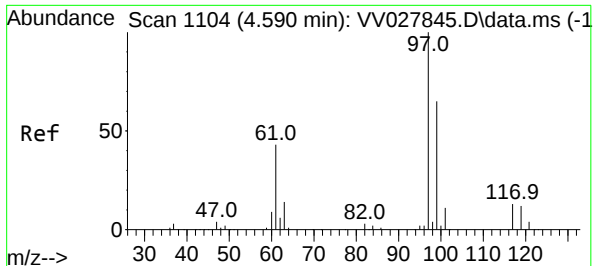
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
74 8.0 16.6 25.0#



#22
cis-1,2-Dichloroethene
Concen: 0.069 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.032 min
Lab File: VV027859.D
Acq: 15 Sep 2022 16:39

Tgt Ion: 96 Resp: 642
Ion Ratio Lower Upper
96 100
61 84.5 94.6 175.6#
68 0.0 0.3 0.5#





#29

1,1,1-Trichloroethane

Concen: 0.026 ug/L

RT: 4.606 min Scan# 1104

Delta R.T. 0.016 min

Lab File: VV027859.D

Acq: 15 Sep 2022 16:39

Instrument :

MSVOA_V

ClientSampleId :

EXZ18

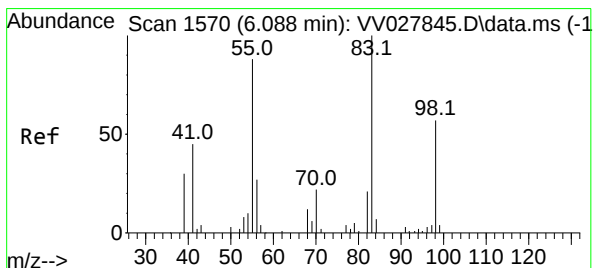
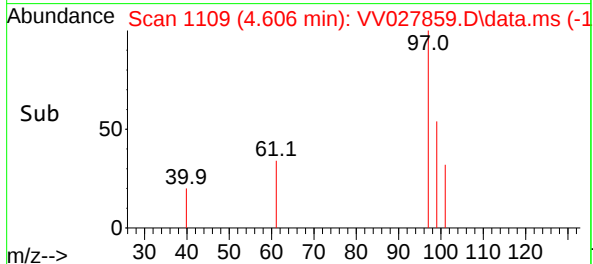
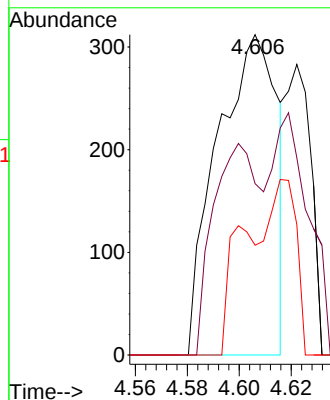
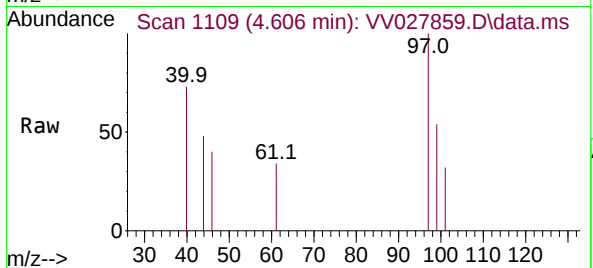
Tgt Ion: 97 Resp: 497

Ion Ratio Lower Upper

97 100

99 52.1 50.8 76.2

61 18.1 36.2 54.4#



#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027859.D

Acq: 15 Sep 2022 16:39

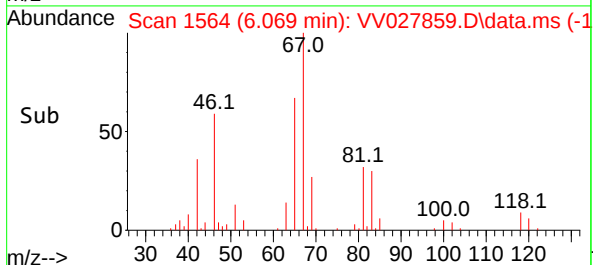
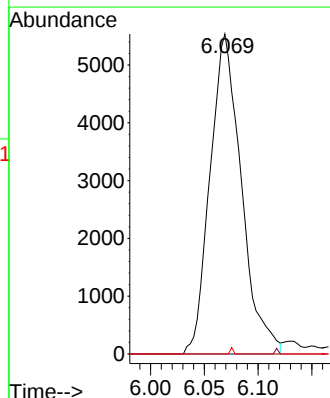
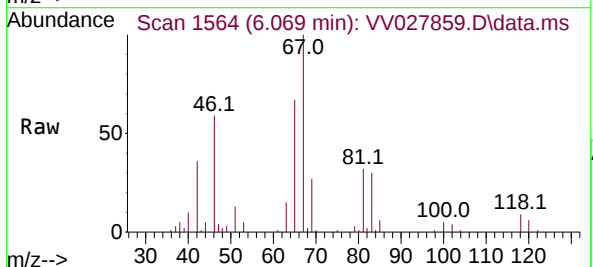
Tgt Ion: 83 Resp: 11209

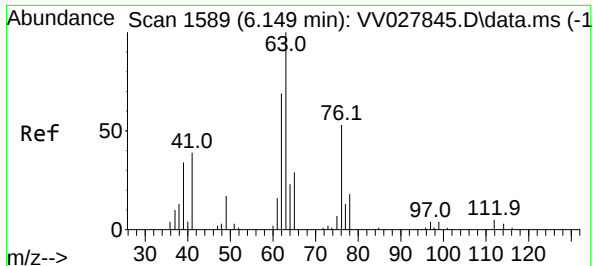
Ion Ratio Lower Upper

83 100

55 0.2 61.9 92.9#

98 0.2 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.528 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV027859.D

Acq: 15 Sep 2022 16:39

Instrument :

MSVOA_V

ClientSampleId :

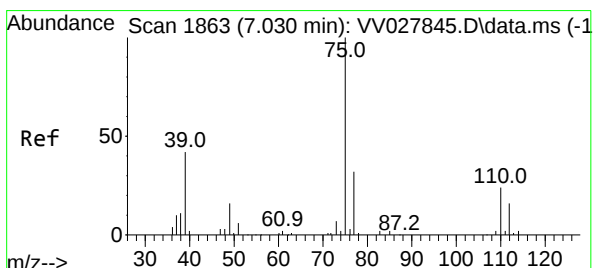
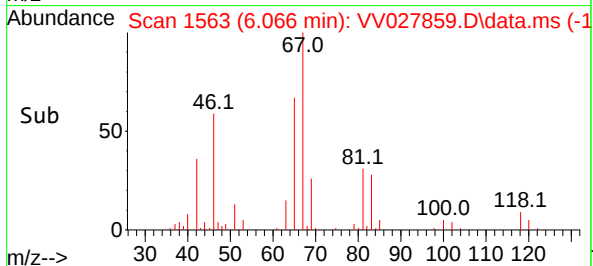
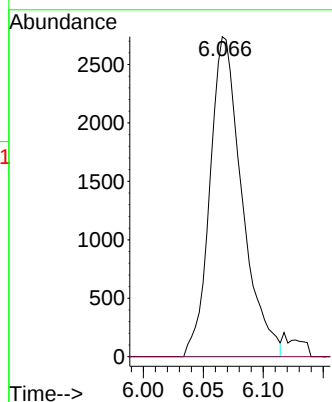
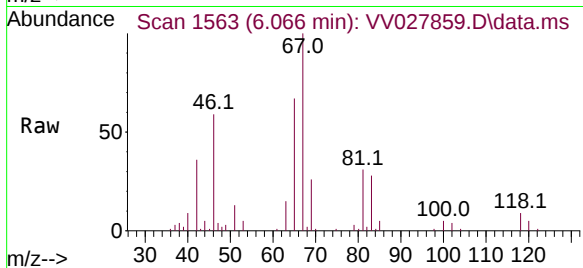
EXZ18

Tgt Ion: 63 Resp: 5093

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV027859.D

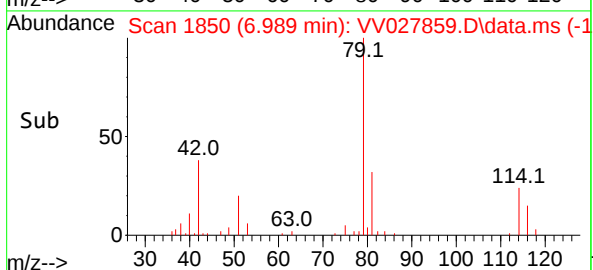
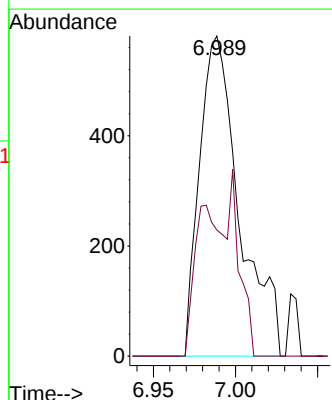
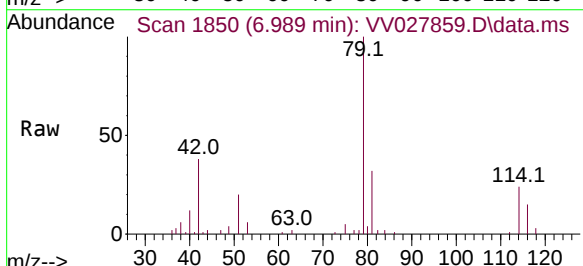
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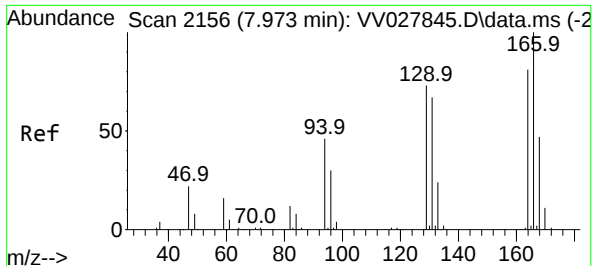
Tgt Ion: 75 Resp: 983

Ion Ratio Lower Upper

75 100

77 39.4 22.0 40.8





#47

Tetrachloroethene

Concen: 0.232 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027859.D

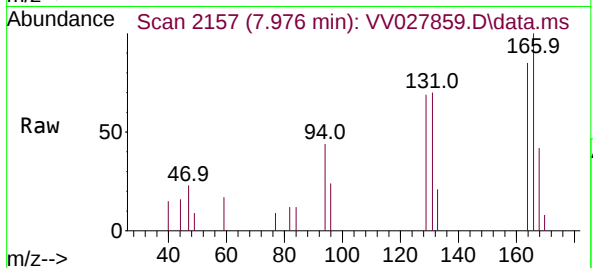
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Instrument :

MSVOA_V

ClientSampleId :

EXZ18



Tgt Ion:164 Resp: 1893

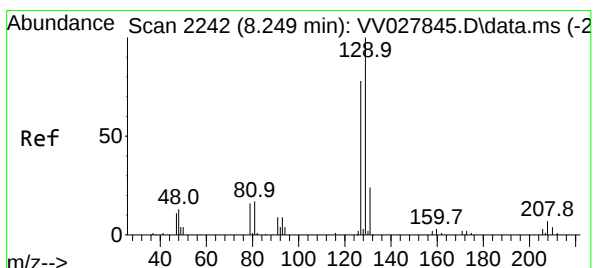
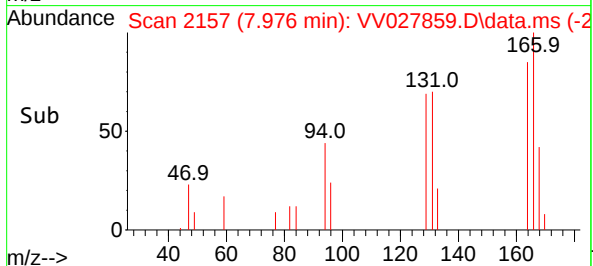
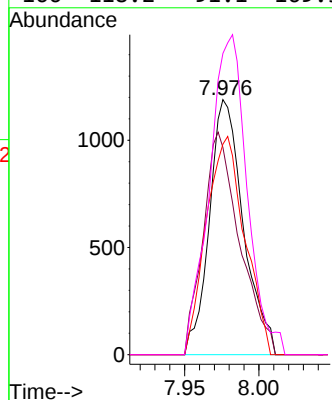
Ion Ratio Lower Upper

164 100

129 81.3 67.2 124.8

131 82.5 61.5 114.3

166 118.2 91.1 169.3



#49

Dibromochloromethane

Concen: 0.211 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.277 min

Lab File: VV027859.D

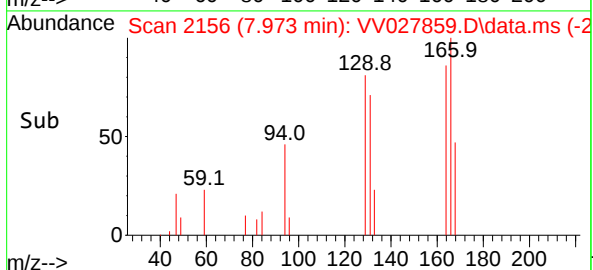
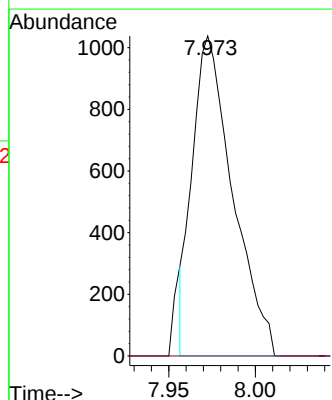
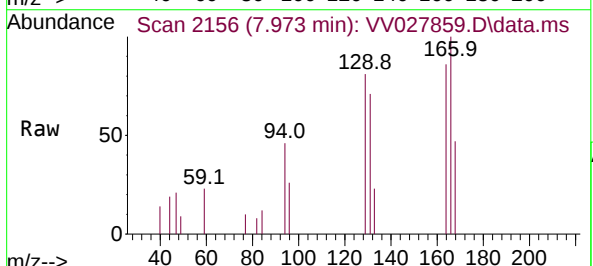
Acq: 15 Sep 2022 16:39

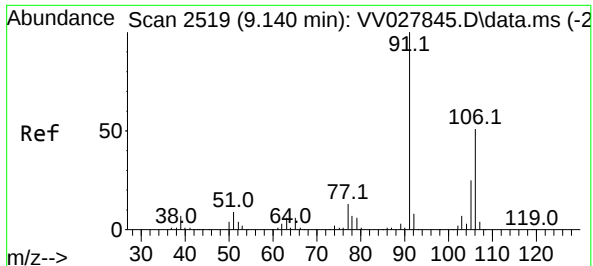
Tgt Ion:129 Resp: 1679

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#

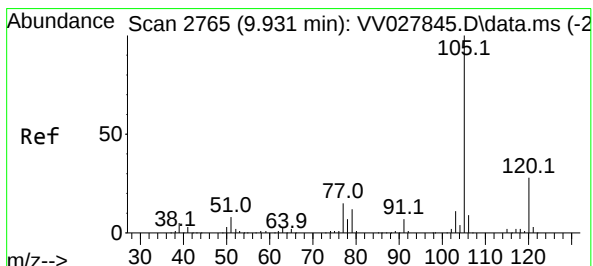
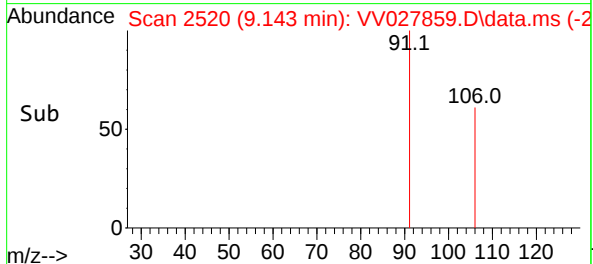
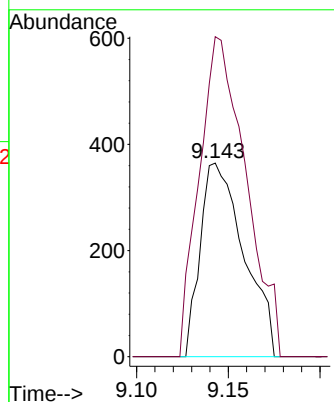
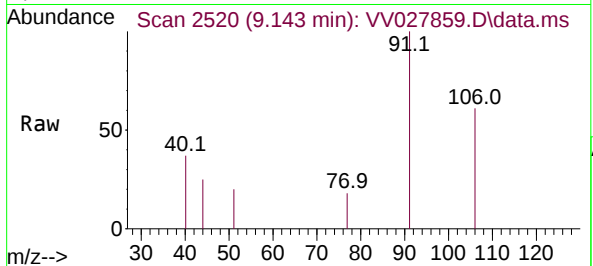




#53
 m,p-Xylene
 Concen: 0.038 ug/L
 RT: 9.143 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027859.D
 Acq: 15 Sep 2022 16:39

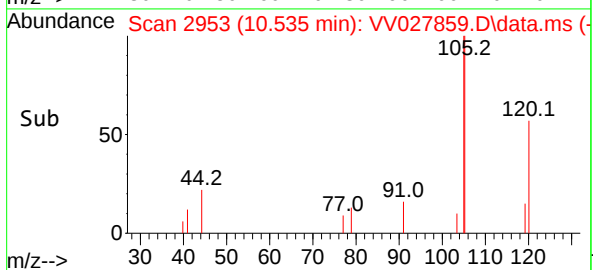
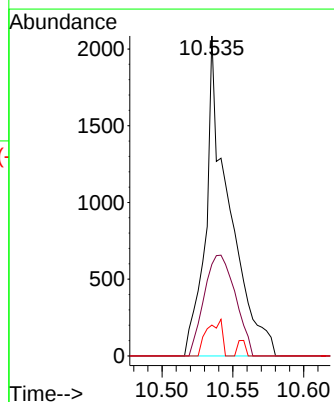
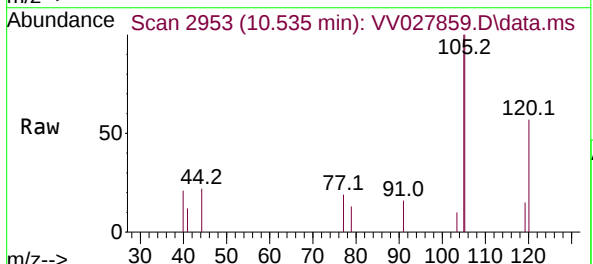
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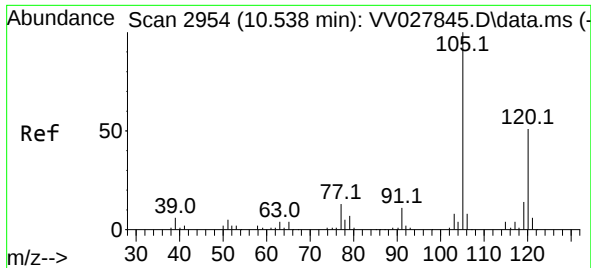
Tgt Ion:106 Resp: 604
 Ion Ratio Lower Upper
 106 100
 91 165.2 142.4 264.4



#60
 Isopropylbenzene
 Concen: 0.063 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.604 min
 Lab File: VV027859.D
 Acq: 15 Sep 2022 16:39

Tgt Ion:105 Resp: 2366
 Ion Ratio Lower Upper
 105 100
 120 42.5 21.3 31.9#
 77 7.5 12.6 18.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.224 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV027859.D

Acq: 15 Sep 2022 16:39

Instrument :

MSVOA_V

ClientSampleId :

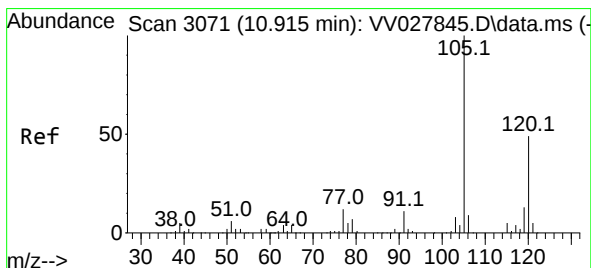
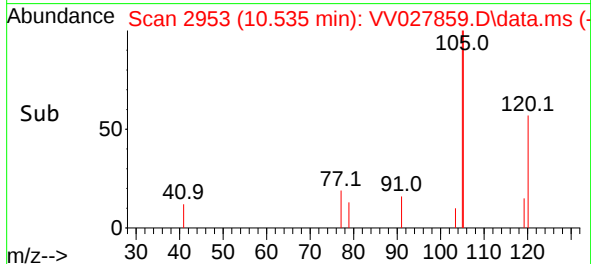
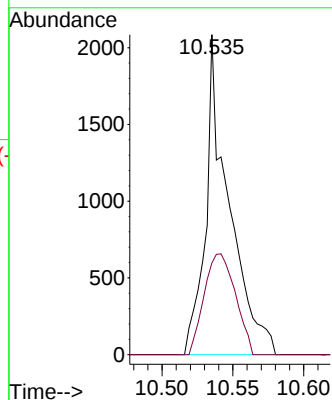
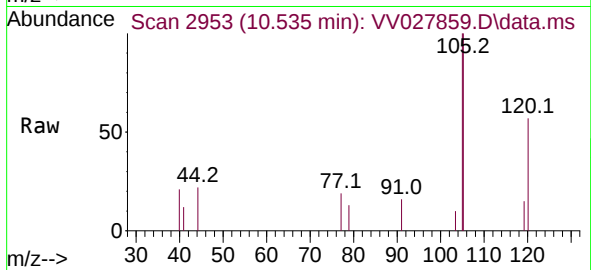
EXZ18

Tgt Ion:105 Resp: 2366

Ion Ratio Lower Upper

105 100

120 42.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.079 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.379 min

Lab File: VV027859.D

Acq: 15 Sep 2022 16:39

Tgt Ion:105 Resp: 2366

Ion Ratio Lower Upper

105 100

120 42.5 37.4 56.0

