

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027443.D
 Acq On : 19 Aug 2022 16:19
 Operator : SY/MD
 Sample : N4253-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9D7

Quant Time: Aug 20 06:05:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

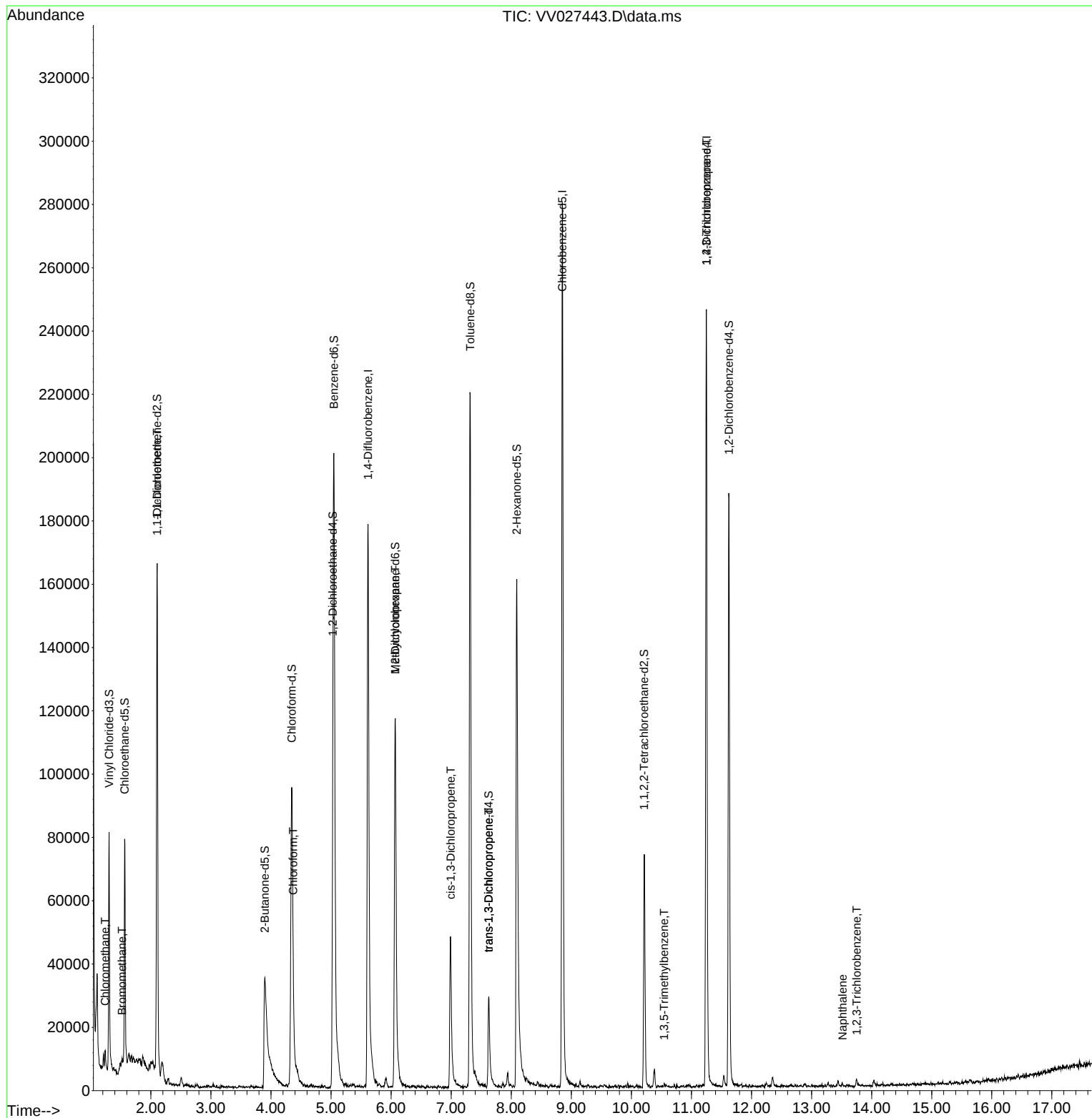
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	156701	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64953	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48954	4.390	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.565	69	44973	5.510	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2	2.105	63	84774	3.260	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	3.899	46	77951	56.164	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.320%	
24) Chloroform-d	4.346	84	94027	4.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.031	65	45147	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.047	84	188651	4.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.069	67	58842	4.727	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.317	98	151377	3.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	7.625	79	18524	4.346	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.092	63	57415	40.924	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.840%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35107	4.429	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47903	4.975	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	4911	0.338	ug/L	96
6) Bromomethane	1.520	94	811	0.112	ug/L	85
12) 1,1-Dichloroethene	2.101	96	1105	0.093	ug/L #	1
25) Chloroform	4.368	83	4766	0.173	ug/L	82
35) Methylcyclohexane	6.069	83	14964	0.787	ug/L #	15
39) cis-1,3-Dichloropropene	6.992	75	1518	0.092	ug/L	94
44) trans-1,3-Dichloropropene	7.625	75	1065	0.076	ug/L	87
61) 1,2,3-Trichloropropane	11.249	75	8479	1.488	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.545	105	388	0.033	ug/L #	73
71) Naphthalene	13.519	128	860	0.055	ug/L #	69
72) 1,2,3-Trichlorobenzene	13.751	180	643	0.063	ug/L #	88

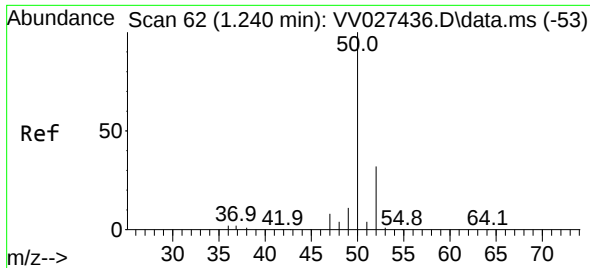
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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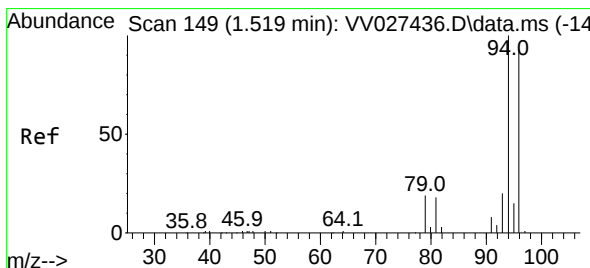
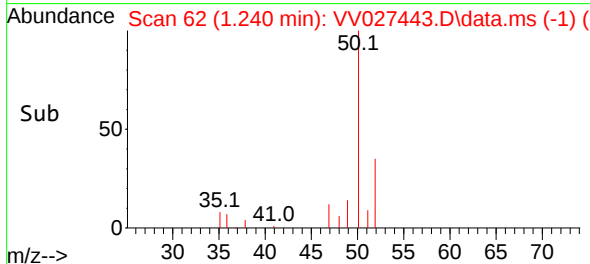
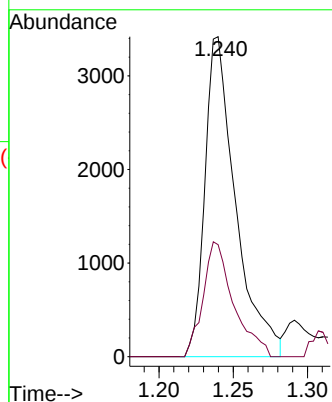
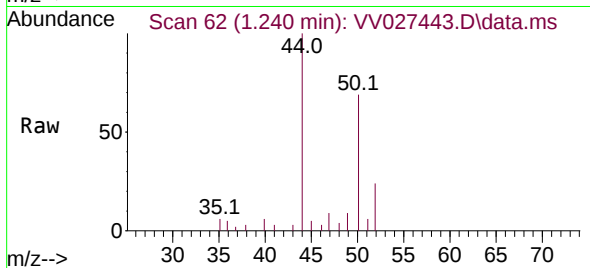




#3
Chloromethane
Concen: 0.338 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027443.D
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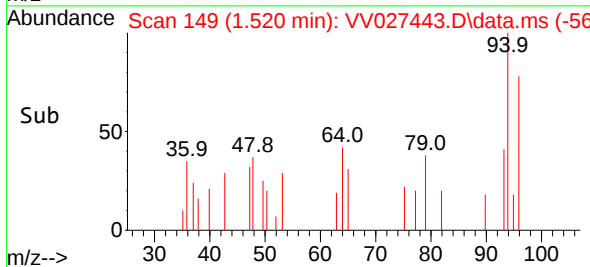
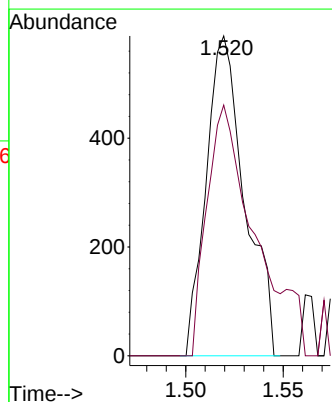
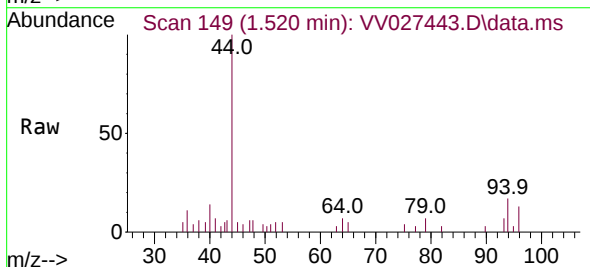
Instrument :
MSVOA_V
ClientSampleId :
EX9D7

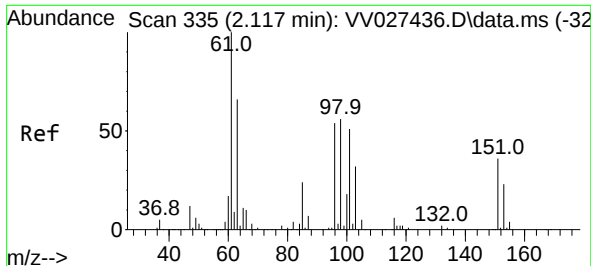
Tgt Ion: 50 Resp: 4911
Ion Ratio Lower Upper
50 100
52 35.0 22.8 42.4



#6
Bromomethane
Concen: 0.112 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027443.D
Acq: 19 Aug 2022 16:19

Tgt Ion: 94 Resp: 811
Ion Ratio Lower Upper
94 100
96 78.4 65.2 121.0





#12

1,1-Dichloroethene

Concen: 0.093 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV027443.D

Acq: 19 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

EX9D7

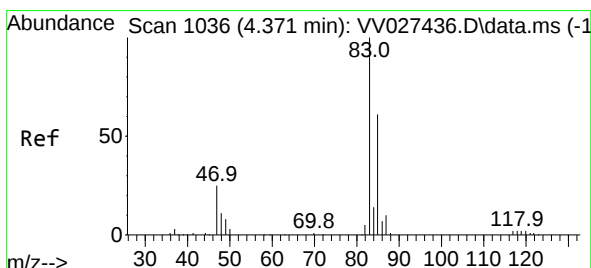
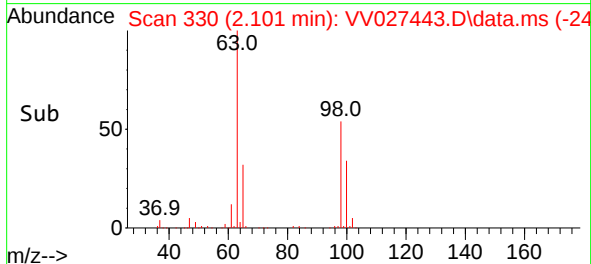
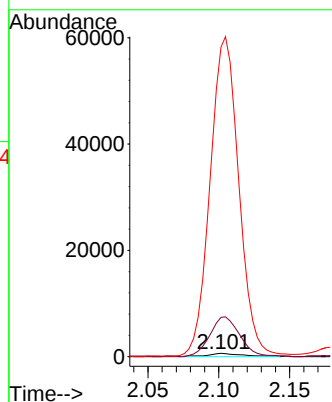
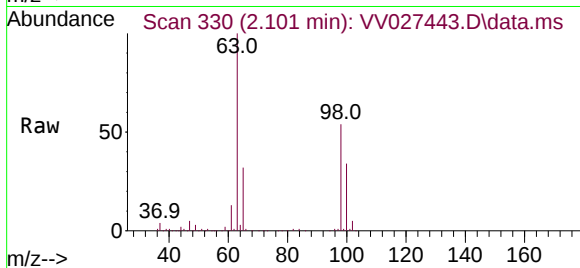
Tgt Ion: 96 Resp: 1105

Ion Ratio Lower Upper

96 100

61 1169.8 130.2 241.8#

63 9217.7 87.4 162.4#



#25

Chloroform

Concen: 0.173 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027443.D

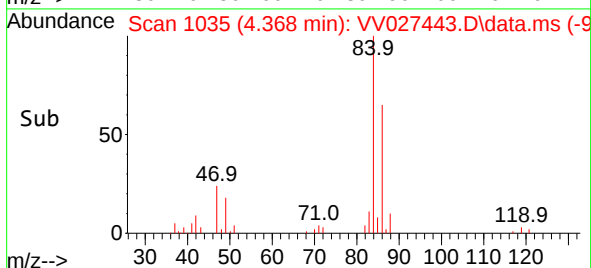
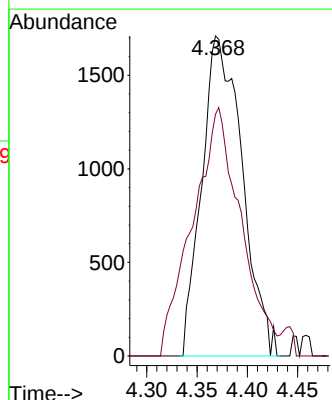
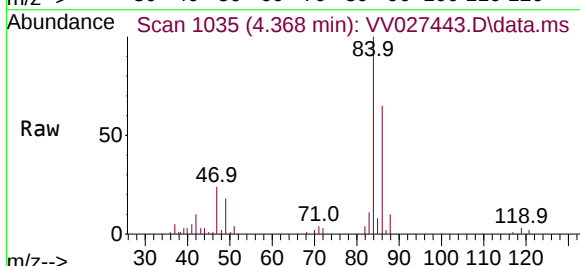
Acq: 19 Aug 2022 16:19

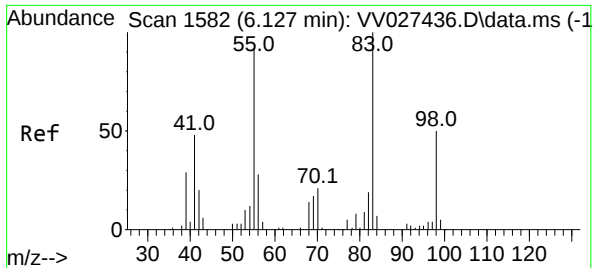
Tgt Ion: 83 Resp: 4766

Ion Ratio Lower Upper

83 100

85 75.6 43.3 80.5

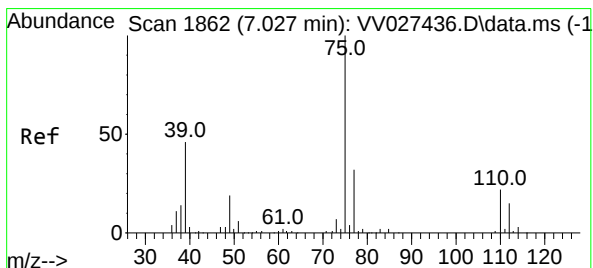
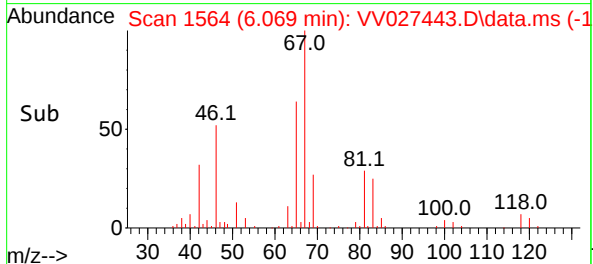
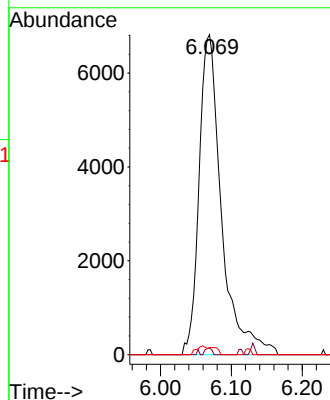
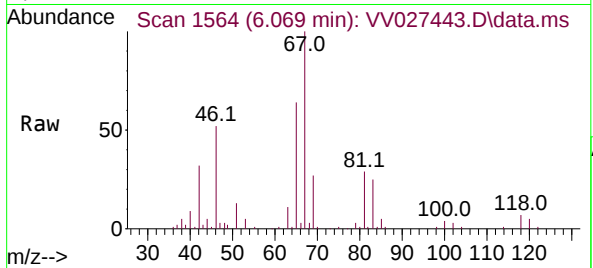




#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV027443.D
Acq: 19 Aug 2022 16:19

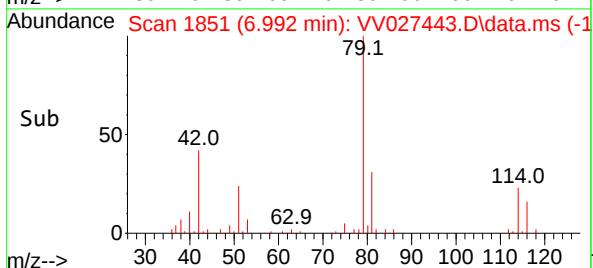
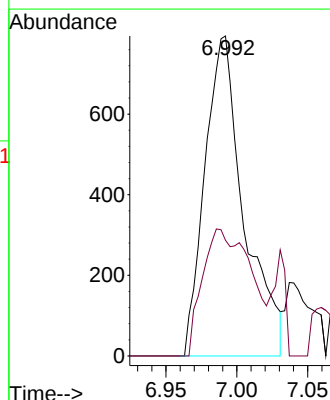
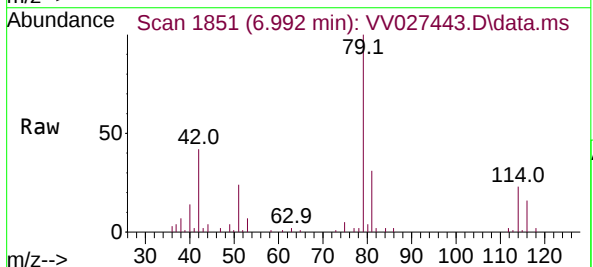
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EX9D7

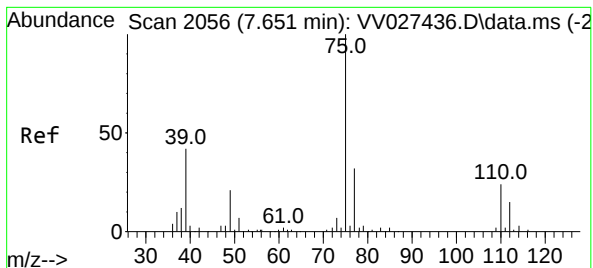
Tgt Ion: 83 Resp: 14964
Ion Ratio Lower Upper
83 100
55 0.6 68.2 102.4#
98 0.0 39.0 58.4#



#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV027443.D
Acq: 19 Aug 2022 16:19

Tgt Ion: 75 Resp: 1518
Ion Ratio Lower Upper
75 100
77 36.1 22.9 42.5





#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.625 min Scan# 2056

Delta R.T. -0.026 min

Lab File: VV027443.D

Acq: 19 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

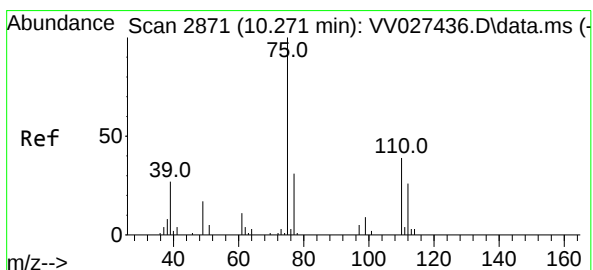
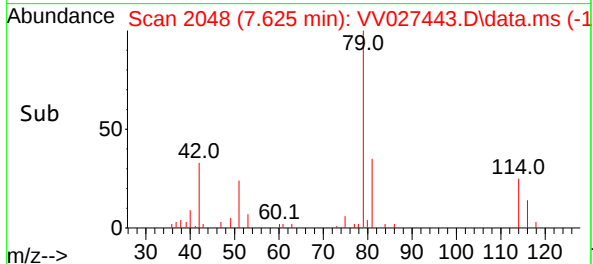
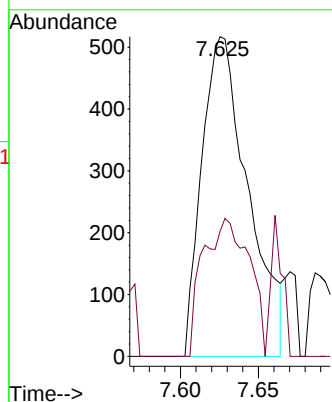
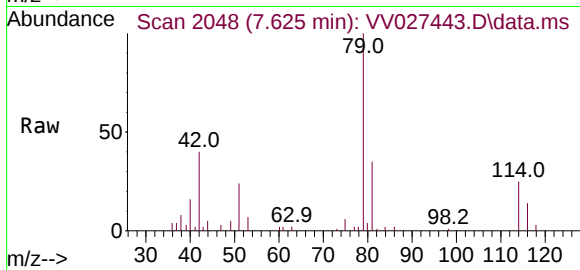
EX9D7

Tgt Ion: 75 Resp: 1065

Ion Ratio Lower Upper

75 100

77 39.1 22.3 41.5



#61

1,2,3-Trichloropropane

Concen: 1.488 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV027443.D

Acq: 19 Aug 2022 16:19

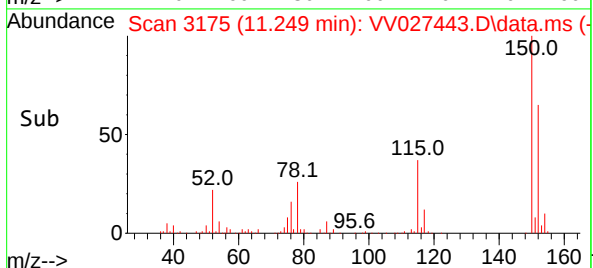
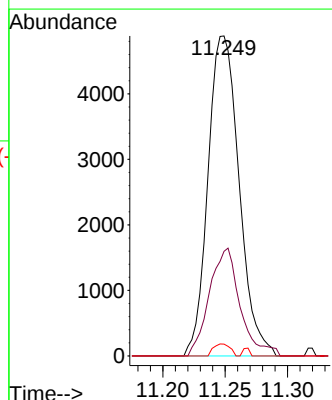
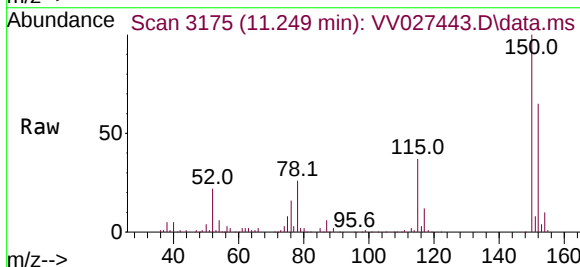
Tgt Ion: 75 Resp: 8479

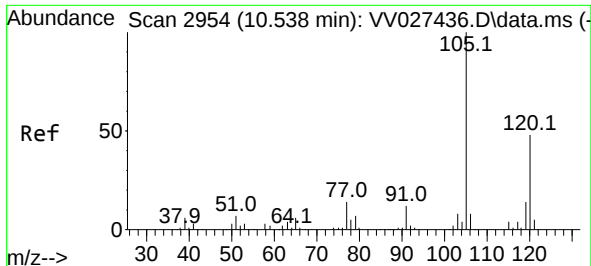
Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.2

110 2.0 29.9 44.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.033 ug/L

RT: 10.545 min Scan# 2954

Delta R.T. 0.007 min

Lab File: VV027443.D

Acq: 19 Aug 2022 16:19

Instrument :

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ClientSampleId :

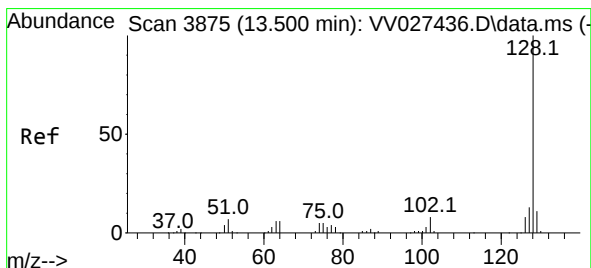
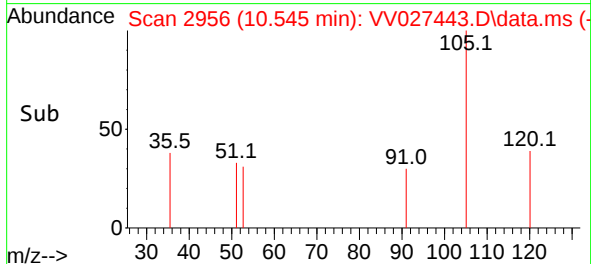
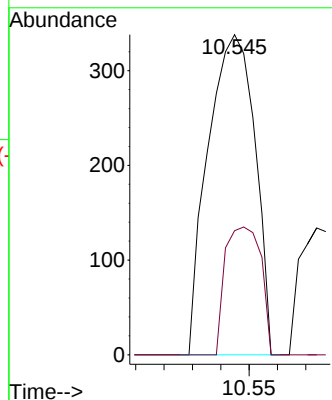
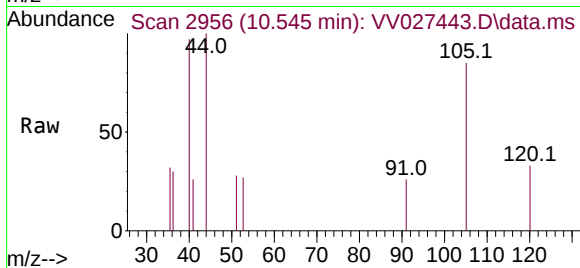
EX9D7

Tgt Ion:105 Resp: 388

Ion Ratio Lower Upper

105 100

120 30.4 38.7 58.1#



#71

Naphthalene

Concen: 0.055 ug/L

RT: 13.519 min Scan# 3881

Delta R.T. 0.019 min

Lab File: VV027443.D

Acq: 19 Aug 2022 16:19

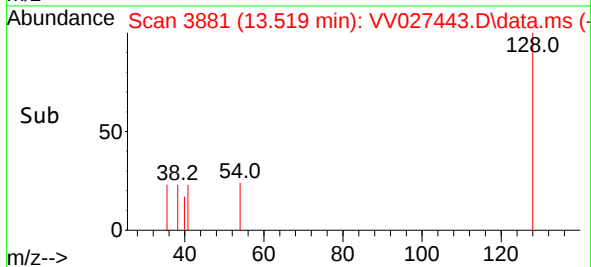
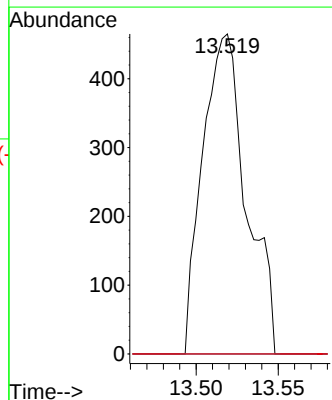
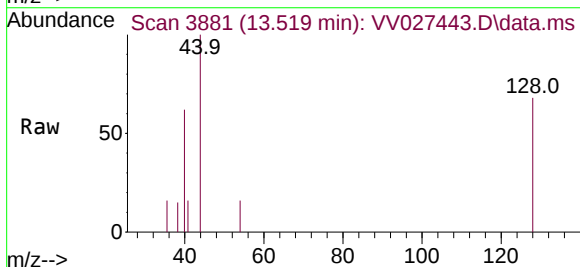
Tgt Ion:128 Resp: 860

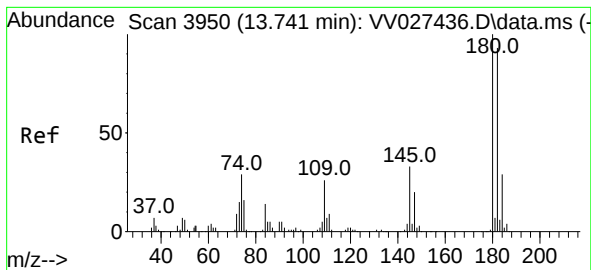
Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.4 15.6#





#72

1,2,3-Trichlorobenzene

Concen: 0.063 ug/L

RT: 13.751 min Scan# 3953

Delta R.T. 0.010 min

Lab File: VV027443.D

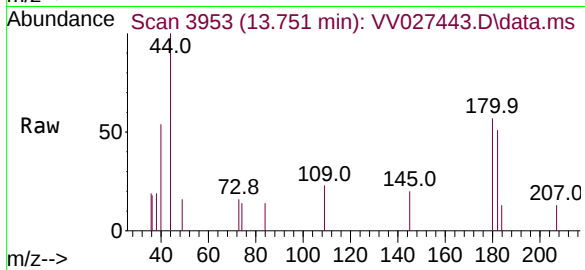
Acq: 19 Aug 2022 16:19

Instrument :

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ClientSampleId :

EX9D7



Tgt Ion:	180	Resp:	643
Ion	Ratio	Lower	Upper
180	100		
182	104.4	75.3	112.9
145	24.1	26.6	39.8#

