

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
 Data File : VV025416.D
 Acq On : 08 Apr 2022 17:34
 Operator : SY/MD
 Sample : N2320-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2P4

Quant Time: Apr 09 05:10:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

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

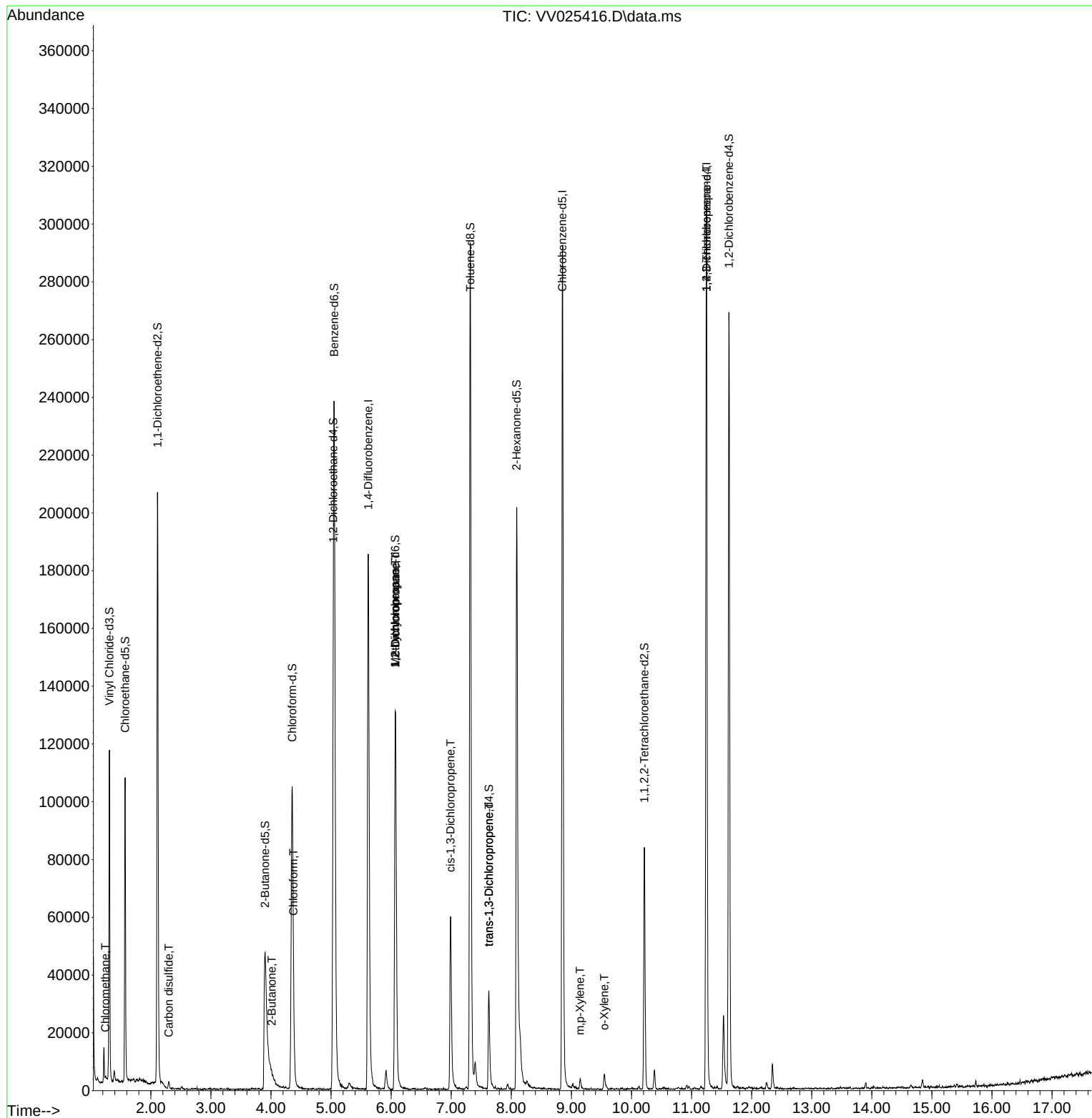
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	167996	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	71496	4.578	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.571	69	65247	3.927	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.600%	
11) 1,1-Dichloroethene-d2	2.111	63	108614	3.471	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.400%	
20) 2-Butanone-d5	3.902	46	96282	50.678	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.360%	
24) Chloroform-d	4.352	84	109338	4.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.037	65	51000	5.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.050	84	226340	4.726	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.069	67	63196	4.732	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.317	98	197543	4.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.625	79	20612	4.592	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.088	63	74966	47.582	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.160%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38326	4.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	68810	5.144	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	783	0.047	ug/L	87
14) Carbon disulfide	2.297	76	2638	0.076	ug/L #	91
21) 2-Butanone	4.011	43	5087	2.855	ug/L	91
25) Chloroform	4.375	83	1486	0.068	ug/L	92
35) Methylcyclohexane	6.069	83	16409	0.792	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6942	0.614	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1729	0.117	ug/L #	75
44) trans-1,3-Dichloropropene	7.625	75	1054	0.092	ug/L	91
53) m,p-Xylene	9.143	106	1071	0.050	ug/L	99
54) o-Xylene	9.548	106	1748	0.083	ug/L	92
61) 1,2,3-Trichloropropane	11.249	75	9907	1.885	ug/L #	62

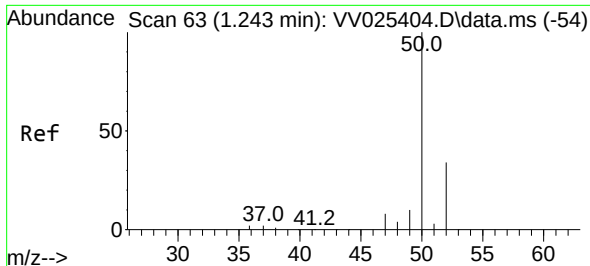
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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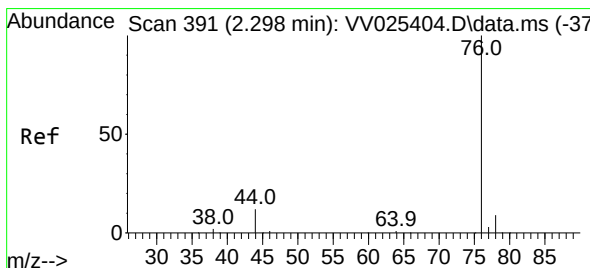
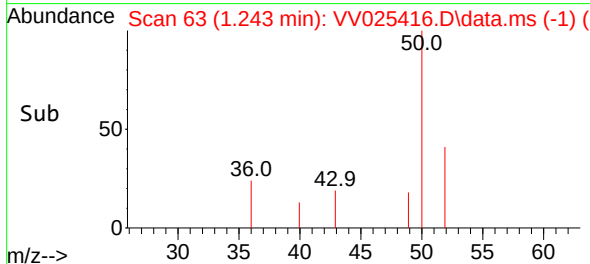
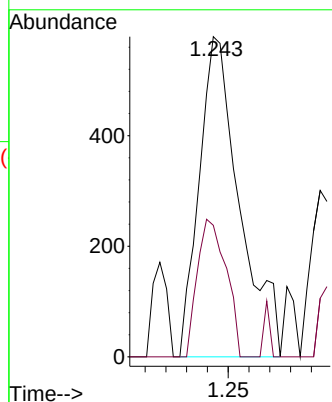
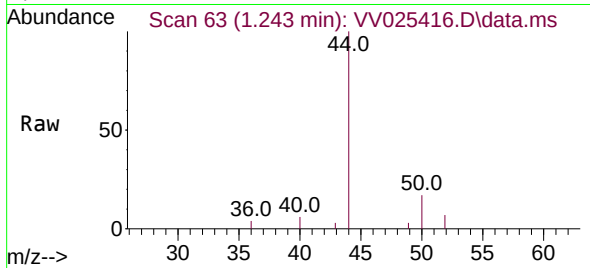




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025416.D
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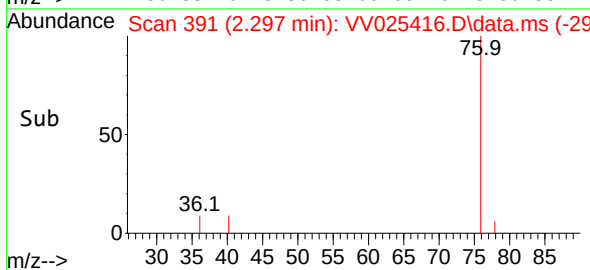
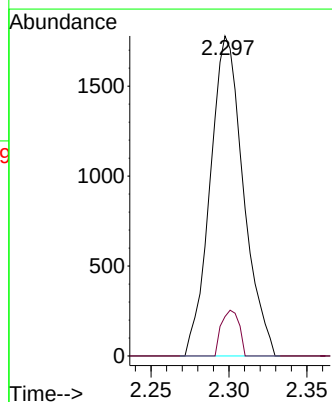
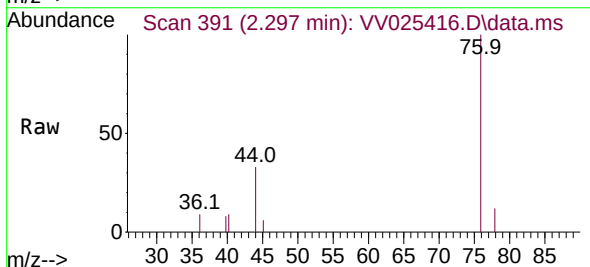
Instrument :
MSVOA_V
ClientSampleId :
YB2P4

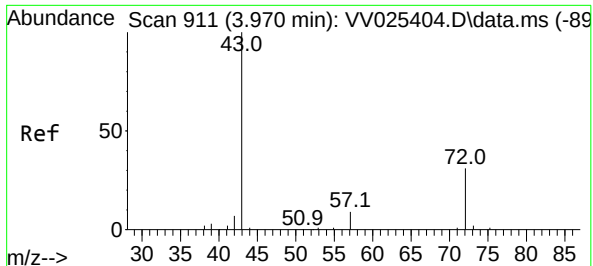
Tgt Ion: 50 Resp: 783
Ion Ratio Lower Upper
50 100
52 41.1 23.7 43.9



#14
Carbon disulfide
Concen: 0.076 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV025416.D
Acq: 08 Apr 2022 17:34

Tgt Ion: 76 Resp: 2638
Ion Ratio Lower Upper
76 100
78 12.3 7.3 10.9#





#21

2-Butanone

Concen: 2.855 ug/L

RT: 4.011 min Scan# 911

Delta R.T. 0.042 min

Lab File: VV025416.D

Acq: 08 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

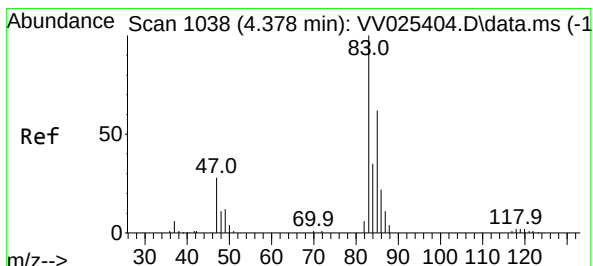
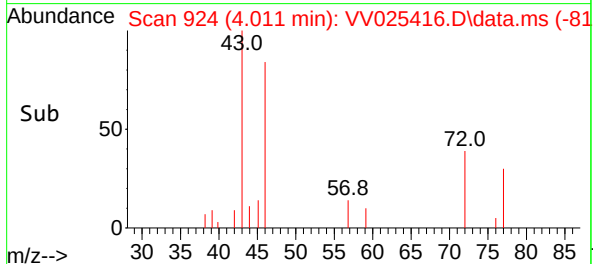
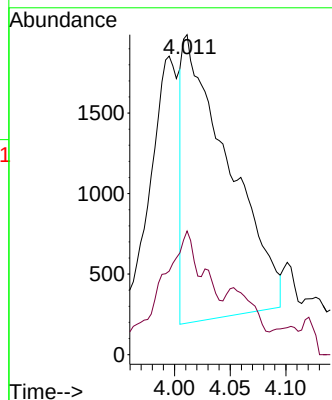
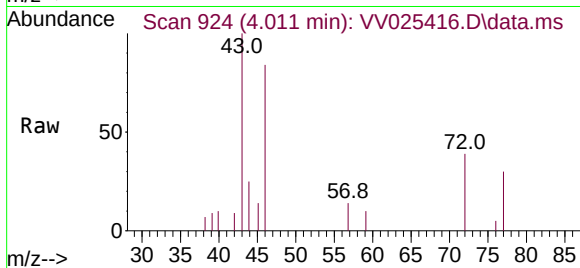
YB2P4

Tgt Ion: 43 Resp: 5087

Ion Ratio Lower Upper

43 100

72 35.4 15.2 45.6



#25

Chloroform

Concen: 0.068 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV025416.D

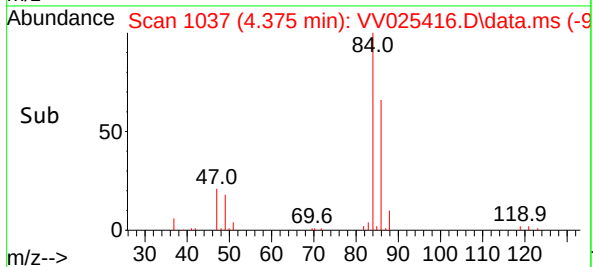
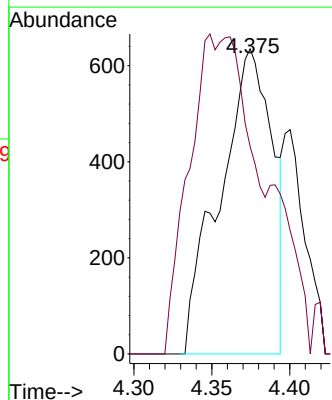
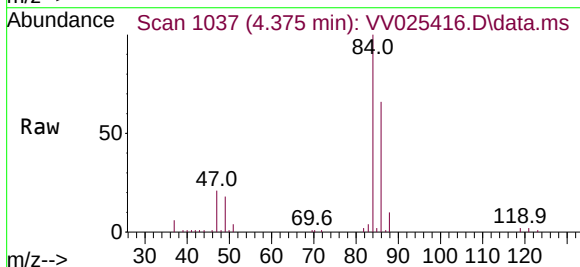
Acq: 08 Apr 2022 17:34

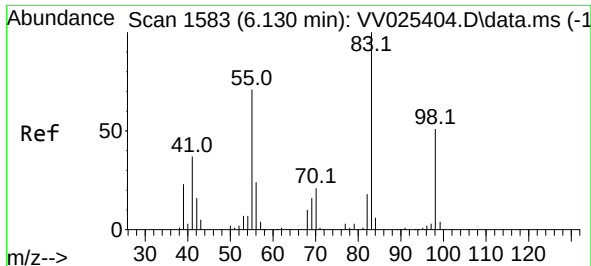
Tgt Ion: 83 Resp: 1486

Ion Ratio Lower Upper

83 100

85 68.0 43.5 80.7





#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV025416.D

Acq: 08 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

YB2P4

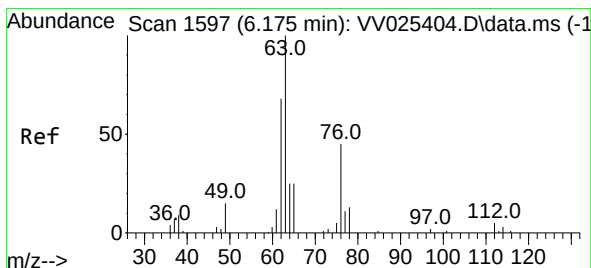
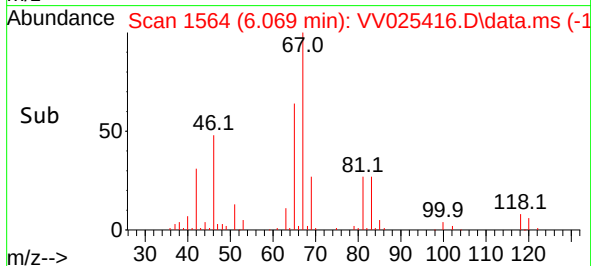
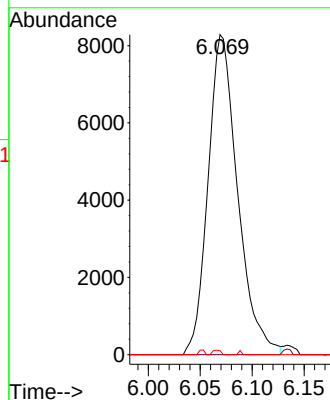
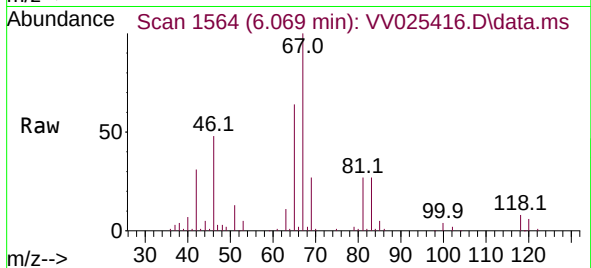
Tgt Ion: 83 Resp: 16409

Ion Ratio Lower Upper

83 100

55 0.5 53.7 80.5#

98 0.4 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV025416.D

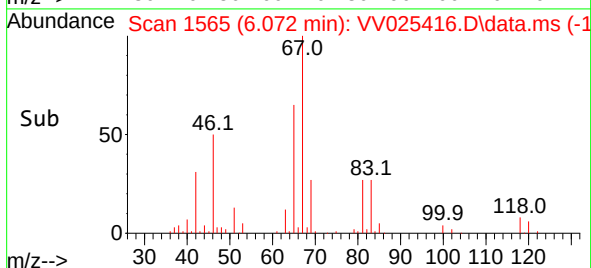
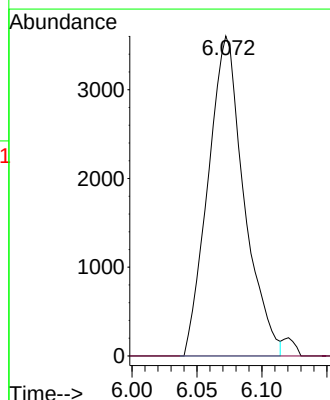
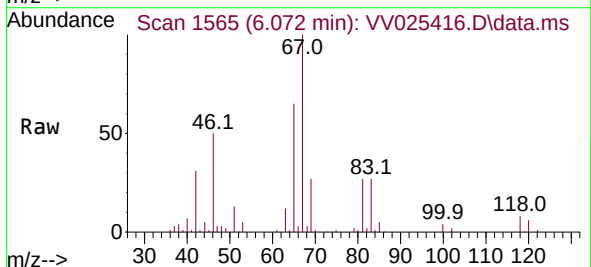
Acq: 08 Apr 2022 17:34

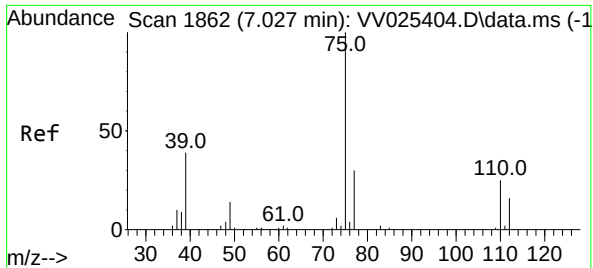
Tgt Ion: 63 Resp: 6942

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025416.D

Acq: 08 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

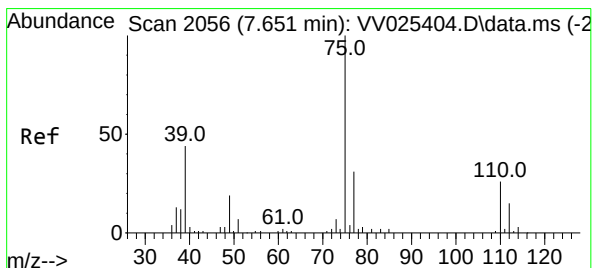
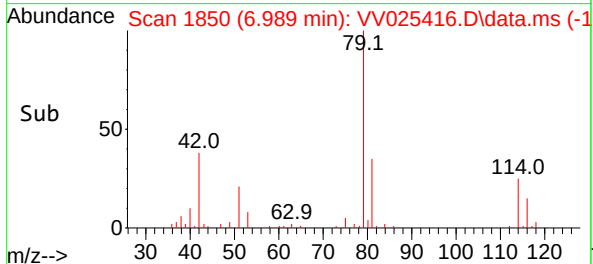
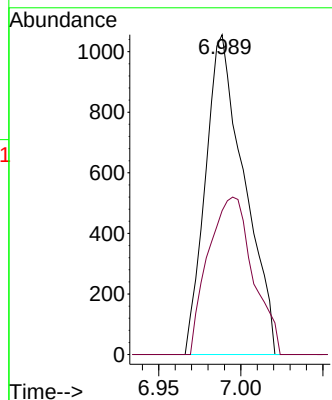
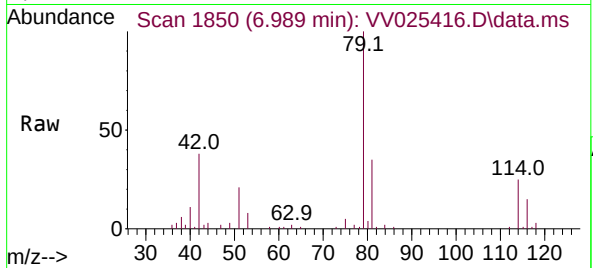
YB2P4

Tgt Ion: 75 Resp: 1729

Ion Ratio Lower Upper

75 100

77 45.0 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV025416.D

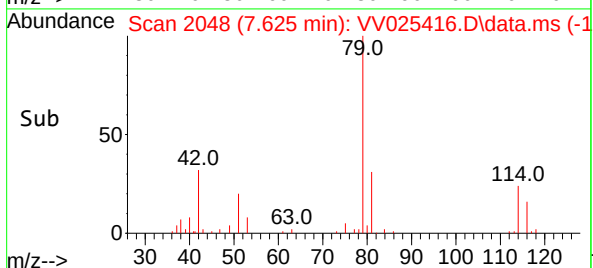
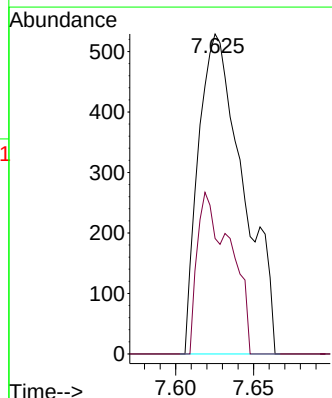
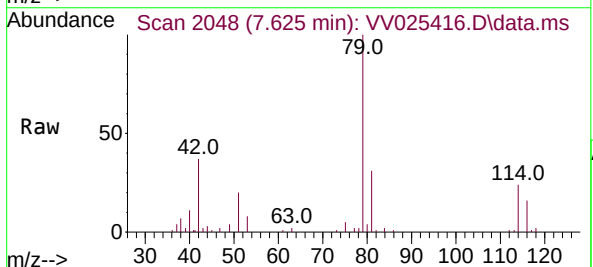
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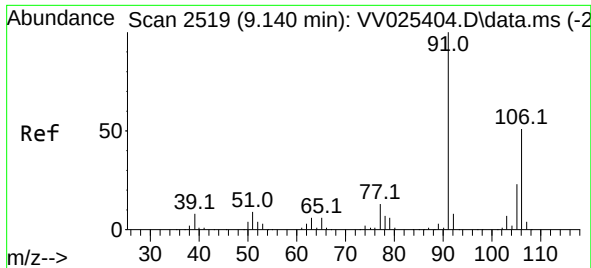
Tgt Ion: 75 Resp: 1054

Ion Ratio Lower Upper

75 100

77 36.1 21.7 40.3

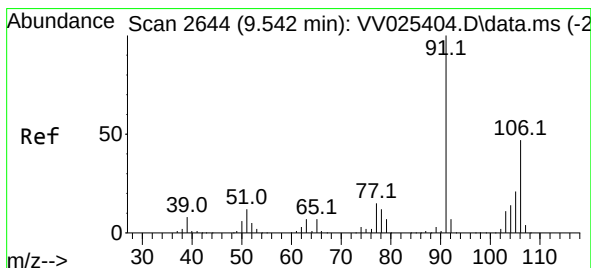
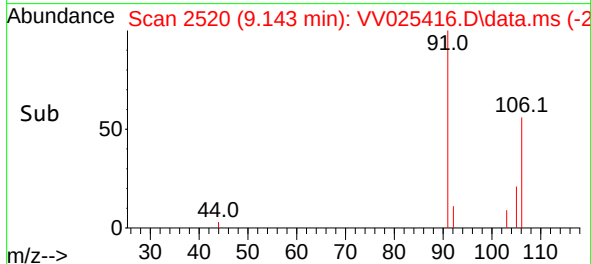
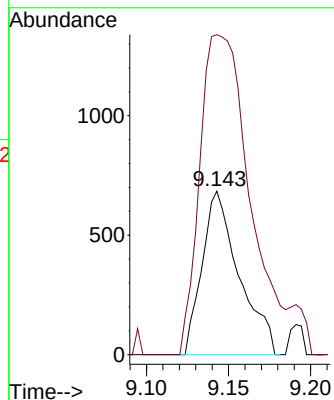
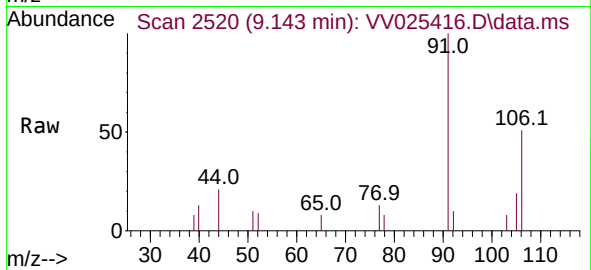




#53
m,p-Xylene
Concen: 0.050 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025416.D
Acq: 08 Apr 2022 17:34

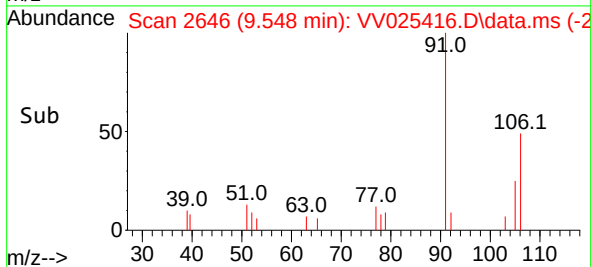
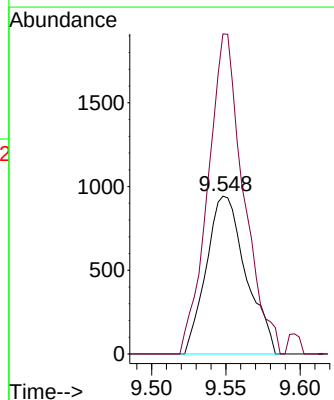
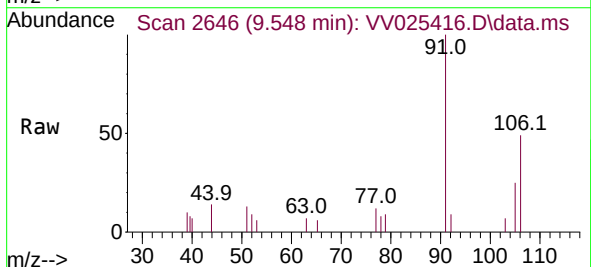
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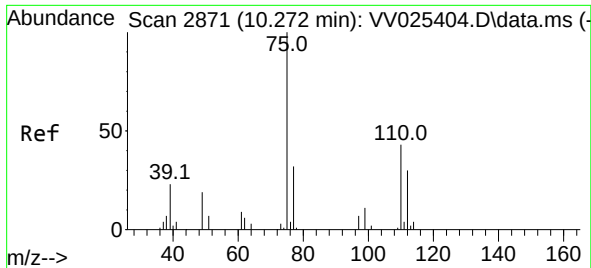
Tgt Ion:106 Resp: 1071
Ion Ratio Lower Upper
106 100
91 195.8 136.4 253.4



#54
o-Xylene
Concen: 0.083 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025416.D
Acq: 08 Apr 2022 17:34

Tgt Ion:106 Resp: 1748
Ion Ratio Lower Upper
106 100
91 202.9 150.4 279.2





#61

1,2,3-Trichloropropane

Concen: 1.885 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV025416.D

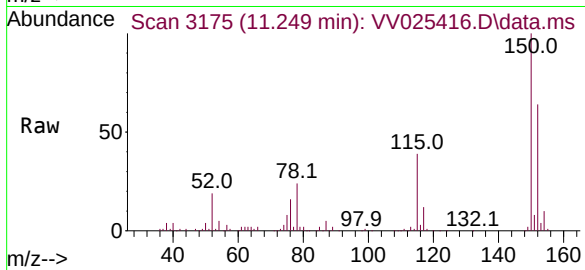
Acq: 08 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

YB2P4



Tgt Ion: 75 Resp: 9907

Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

110 1.8 34.7 52.1#

