

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025395.D
 Acq On : 07 Apr 2022 19:12
 Operator : SY/MD
 Sample : N2320-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2P4

Quant Time: Apr 08 01:24:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

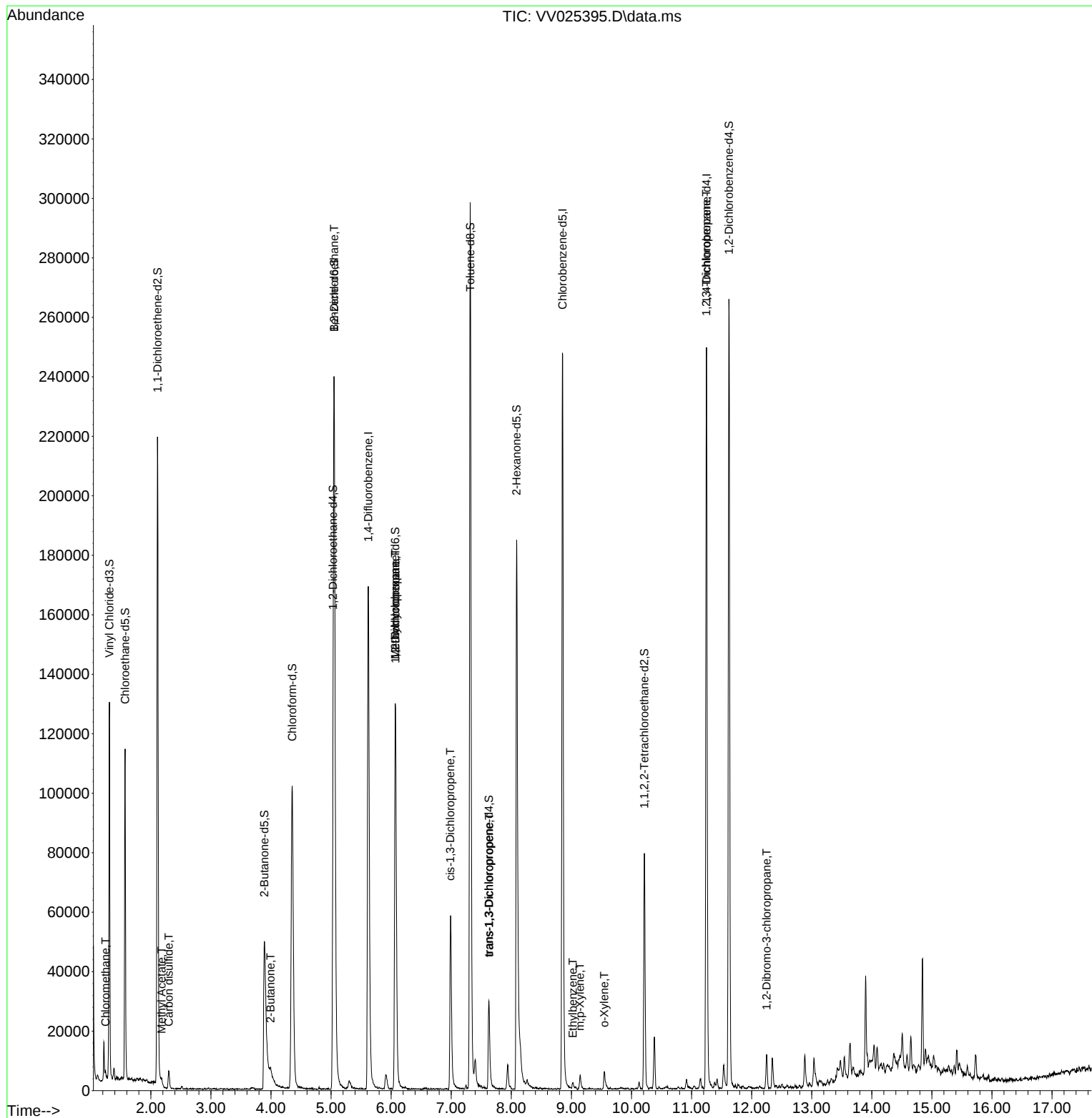
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	143122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	77582	5.363	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.200%		
7) Chloroethane-d5	1.571	69	69298	5.707	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 114.200%		
11) 1,1-Dichloroethene-d2	2.111	63	112358	3.585	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 71.800%		
20) 2-Butanone-d5	3.889	46	88968	61.736	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 123.480%		
24) Chloroform-d	4.352	84	107977	5.719	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 114.400%		
26) 1,2-Dichloroethane-d4	5.034	65	49950	5.985	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 119.800%		
32) Benzene-d6	5.050	84	229690	6.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 126.800%#		
36) 1,2-Dichloropropane-d6	6.069	67	63373	6.245	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 125.000%		
41) Toluene-d8	7.317	98	203871	6.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 122.800%		
43) trans-1,3-Dichloroprop...	7.625	79	18610	5.622	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 112.400%		
46) 2-Hexanone-d5	8.088	63	67192	56.199	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 112.400%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37003	5.469	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	68107	6.472	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 129.400%#		
Target Compounds						Qvalue
3) Chloromethane	1.246	50	1052	0.058	ug/L	98
14) Carbon disulfide	2.298	76	7234	0.224	ug/L	99
15) Methyl Acetate	2.179	43	4088	1.633	ug/L #	49
21) 2-Butanone	3.992	43	3326	2.198	ug/L #	10
27) 1,2-Dichloroethane	5.050	62	1319	0.123	ug/L #	73
35) Methylcyclohexane	6.069	83	15871	0.879	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7503	0.770	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1758	0.139	ug/L #	54
44) trans-1,3-Dichloropropene	7.629	75	775	0.078	ug/L	84
52) Ethylbenzene	9.024	91	1946	0.041	ug/L	92
53) m,p-Xylene	9.143	106	1426	0.077	ug/L	86
54) o-Xylene	9.548	106	1692	0.096	ug/L	96
61) 1,2,3-Trichloropropane	11.246	75	8051	1.624	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.249	75	321	0.362	ug/L #	1

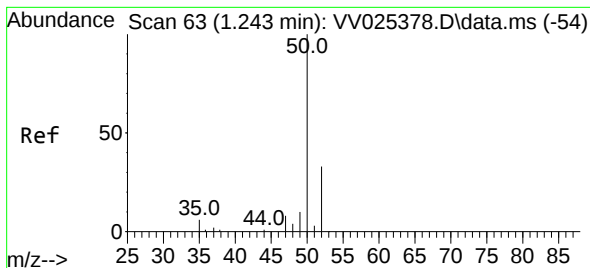
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 08 01:19:10 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.058 ug/L

RT: 1.246 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV025395.D

Acq: 07 Apr 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

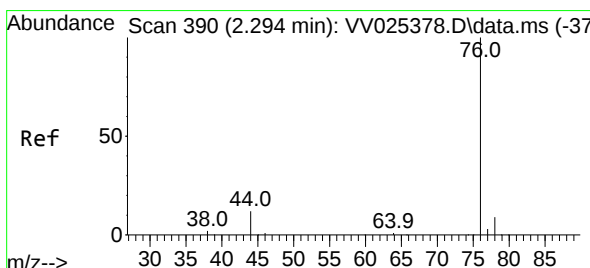
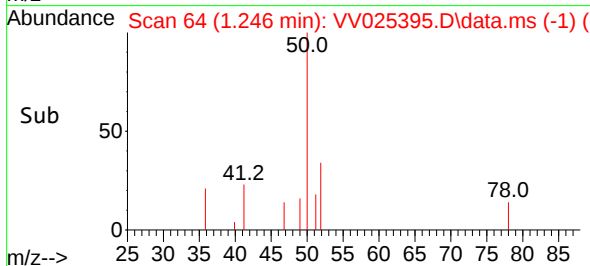
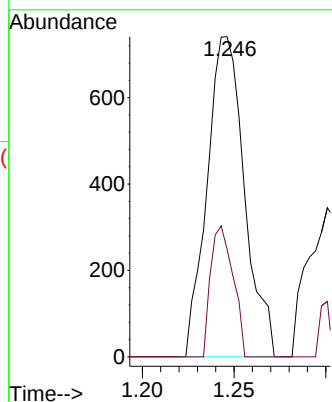
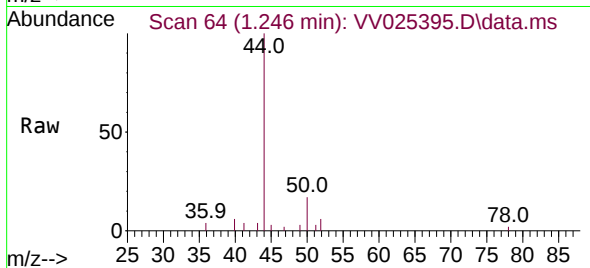
YB2P4

Tgt Ion: 50 Resp: 1052

Ion Ratio Lower Upper

50 100

52 33.6 22.9 42.5



#14

Carbon disulfide

Concen: 0.224 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025395.D

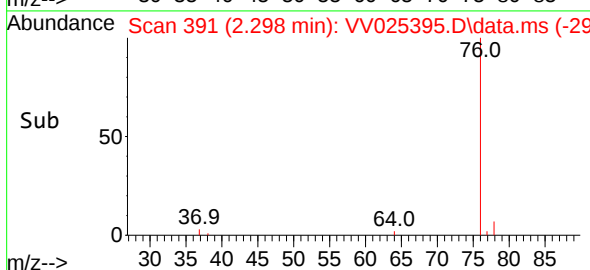
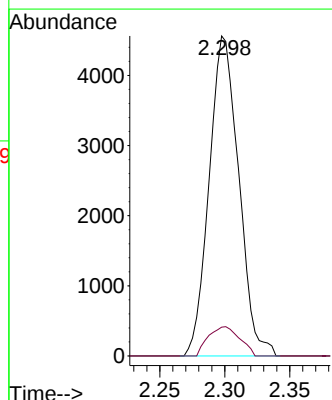
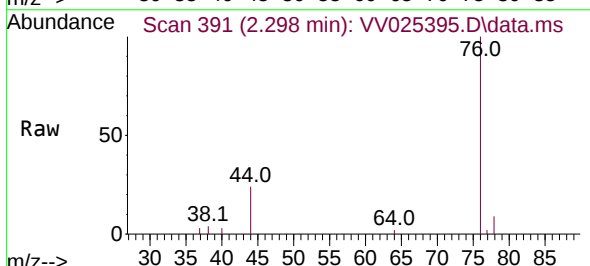
Acq: 07 Apr 2022 19:12

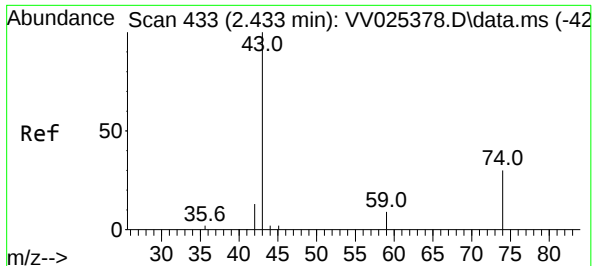
Tgt Ion: 76 Resp: 7234

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

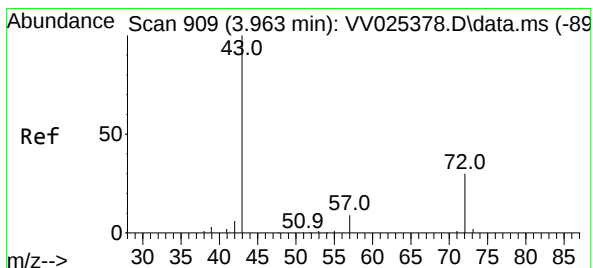
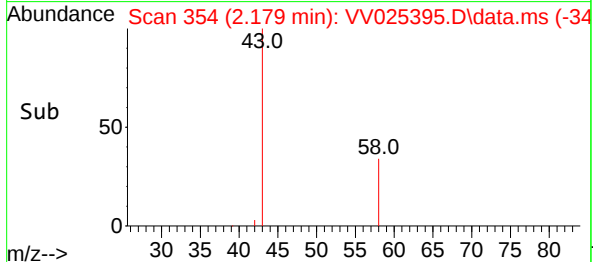
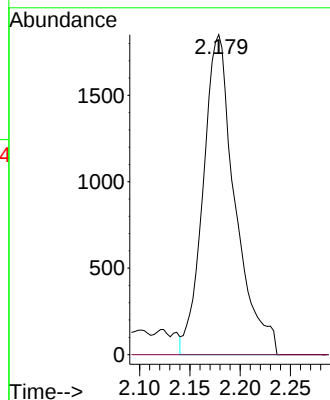
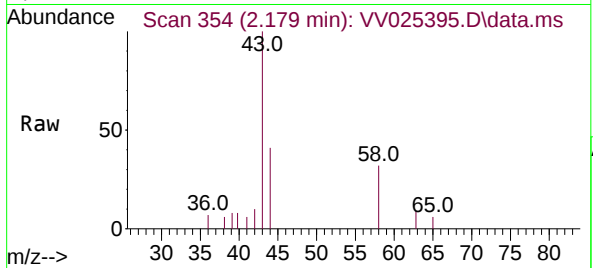




#15
Methyl Acetate
Concen: 1.633 ug/L
RT: 2.179 min Scan# 31
Delta R.T. -0.254 min
Lab File: VV025395.D
Acq: 07 Apr 2022 19:12

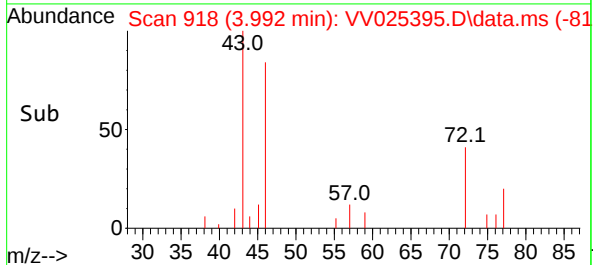
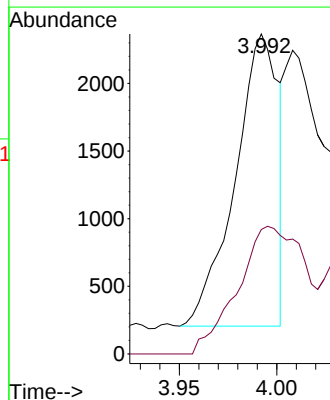
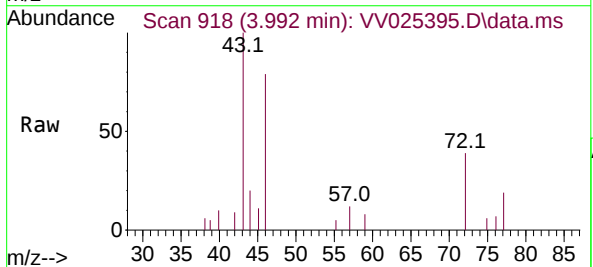
Instrument :
MSVOA_V
ClientSampleId :
YB2P4

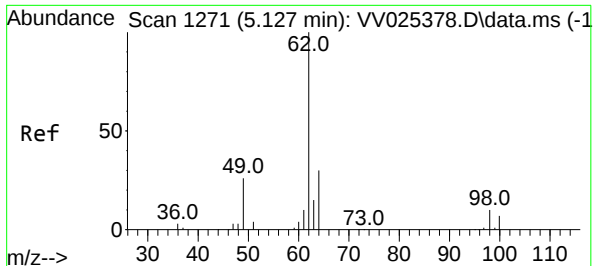
Tgt Ion: 43 Resp: 4088
Ion Ratio Lower Upper
43 100
74 0.0 20.9 31.3#



#21
2-Butanone
Concen: 2.198 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.029 min
Lab File: VV025395.D
Acq: 07 Apr 2022 19:12

Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
72 67.7 11.8 35.4#





#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV025395.D

Acq: 07 Apr 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

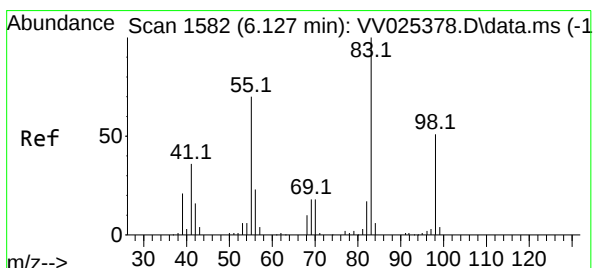
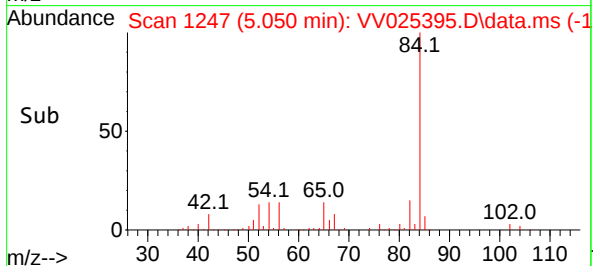
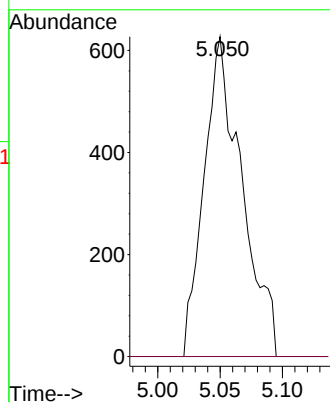
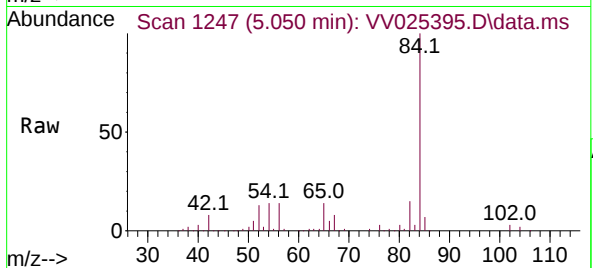
YB2P4

Tgt Ion: 62 Resp: 1319

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 0.879 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025395.D

Acq: 07 Apr 2022 19:12

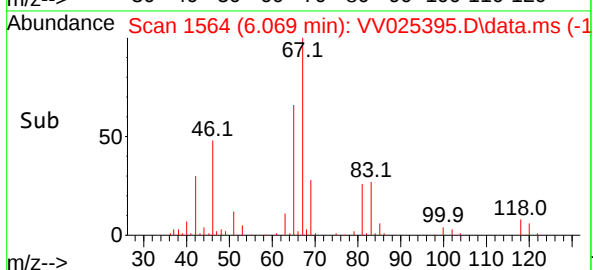
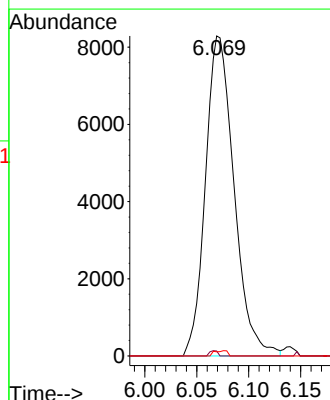
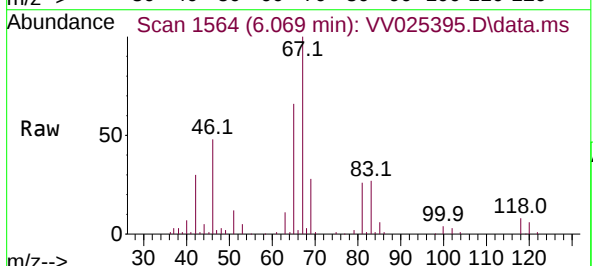
Tgt Ion: 83 Resp: 15871

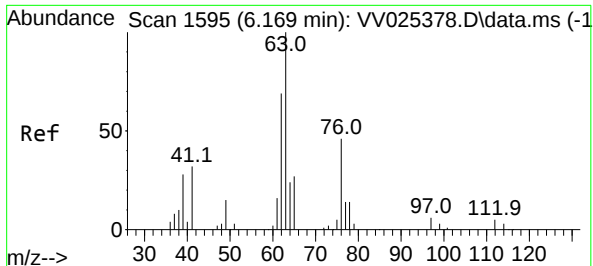
Ion Ratio Lower Upper

83 100

55 0.5 54.6 81.8#

98 0.7 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.770 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV025395.D

Acq: 07 Apr 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

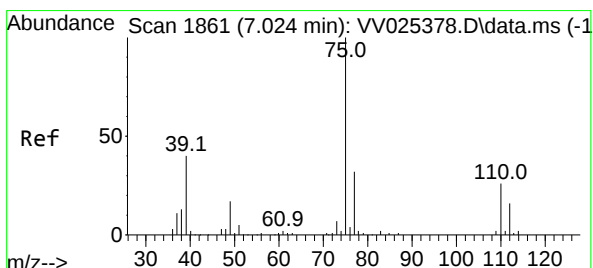
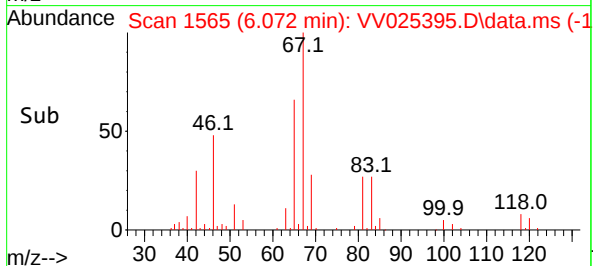
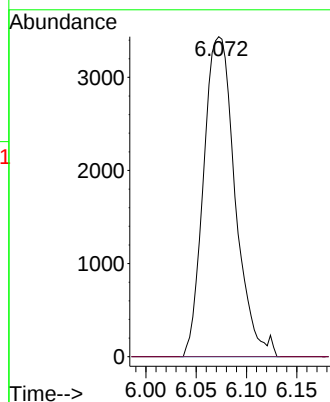
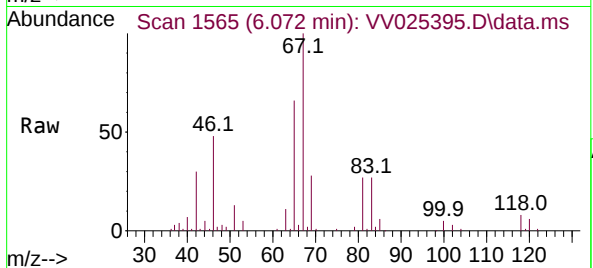
YB2P4

Tgt Ion: 63 Resp: 7503

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.139 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV025395.D

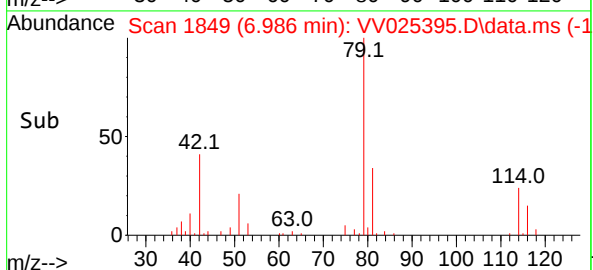
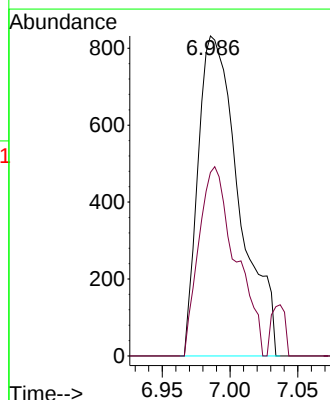
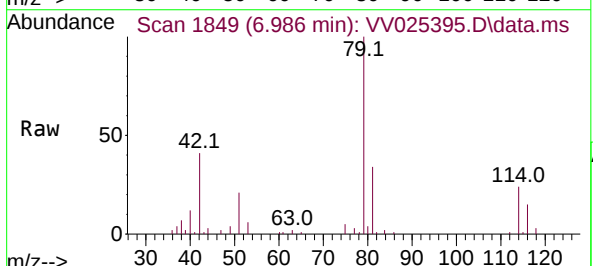
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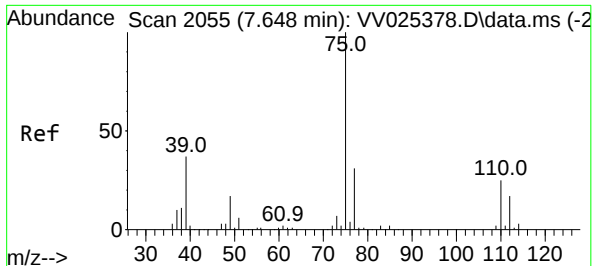
Tgt Ion: 75 Resp: 1758

Ion Ratio Lower Upper

75 100

77 57.3 22.1 41.1#

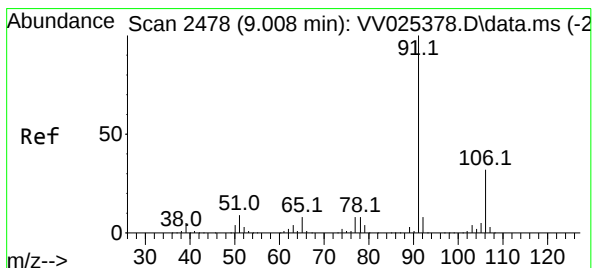
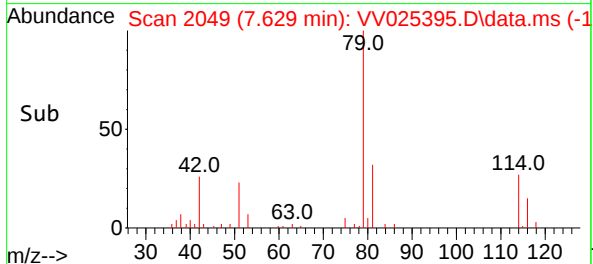
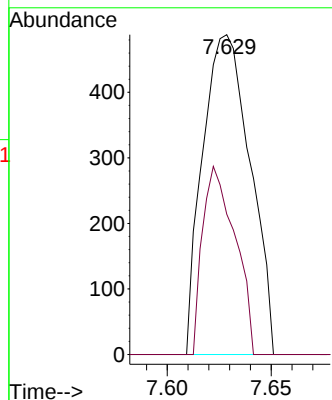
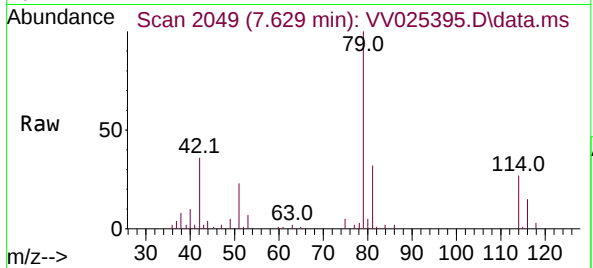




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.629 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VV025395.D
Acq: 07 Apr 2022 19:12

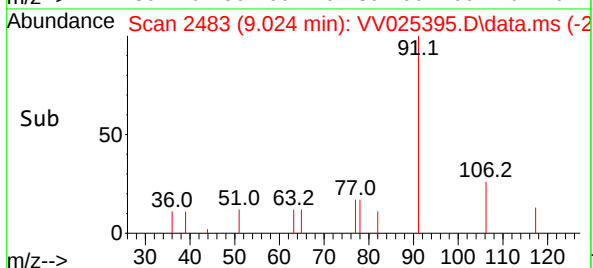
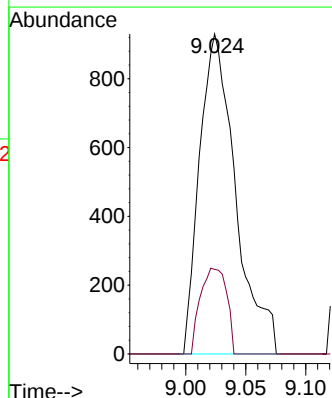
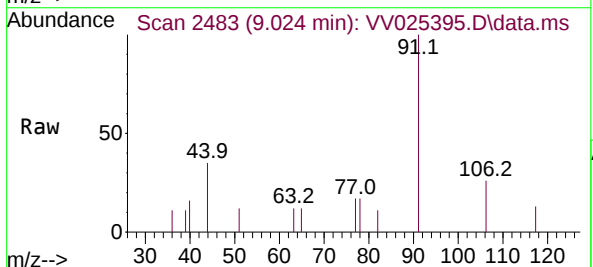
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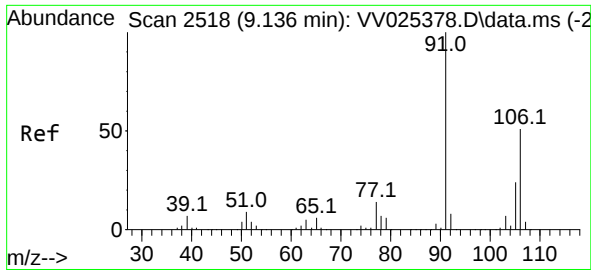
Tgt Ion: 75 Resp: 775
Ion Ratio Lower Upper
75 100
77 43.9 24.2 45.0



#52
Ethylbenzene
Concen: 0.041 ug/L
RT: 9.024 min Scan# 2483
Delta R.T. 0.016 min
Lab File: VV025395.D
Acq: 07 Apr 2022 19:12

Tgt Ion: 91 Resp: 1946
Ion Ratio Lower Upper
91 100
106 26.5 21.7 40.3

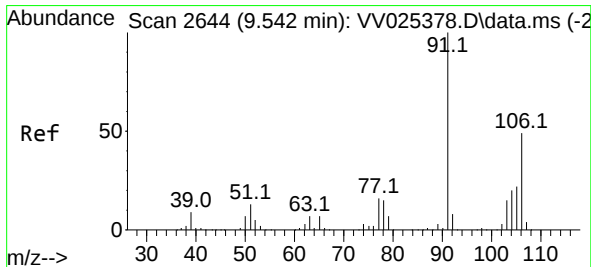
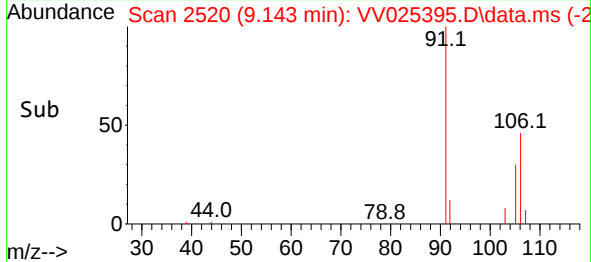
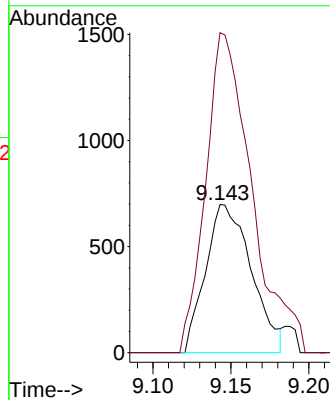
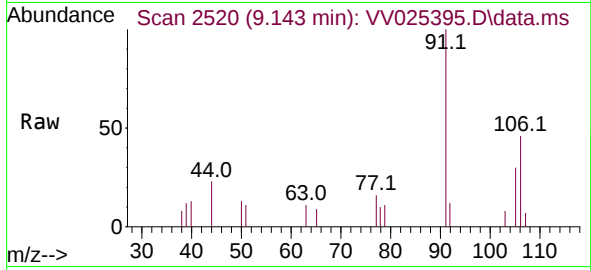




#53
m,p-Xylene
Concen: 0.077 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV025395.D
Acq: 07 Apr 2022 19:12

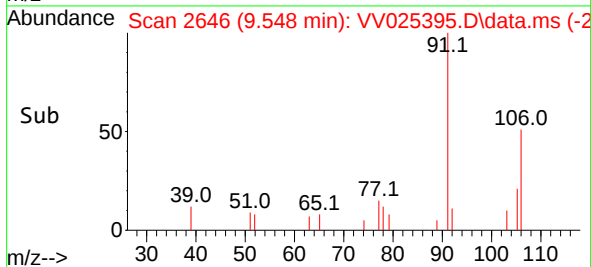
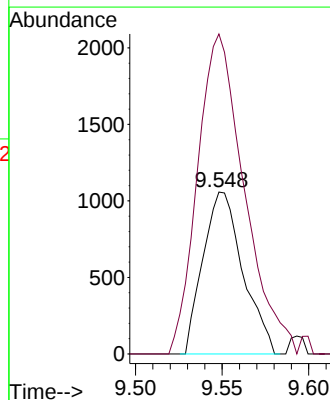
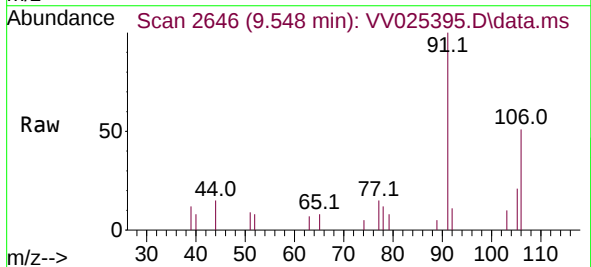
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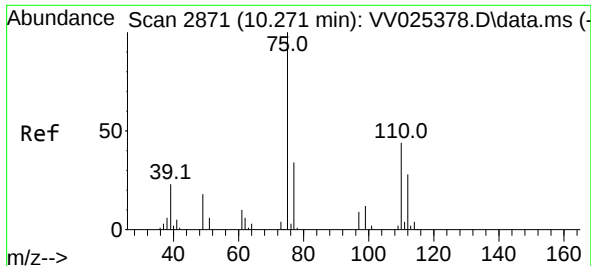
Tgt Ion:106 Resp: 1426
Ion Ratio Lower Upper
106 100
91 216.0 136.8 254.0



#54
o-Xylene
Concen: 0.096 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.007 min
Lab File: VV025395.D
Acq: 07 Apr 2022 19:12

Tgt Ion:106 Resp: 1692
Ion Ratio Lower Upper
106 100
91 197.6 143.0 265.6

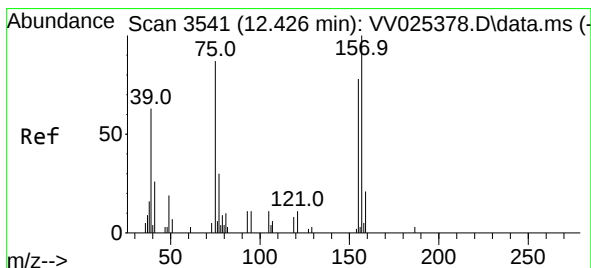
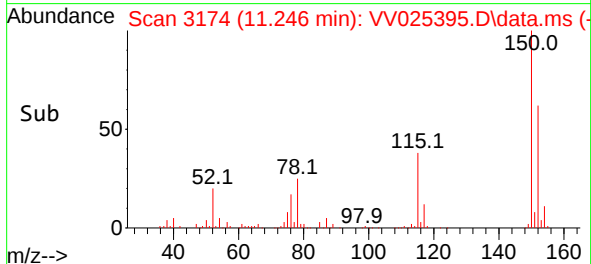
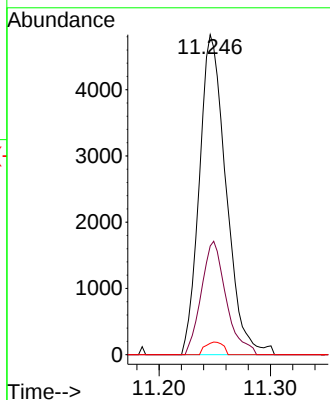
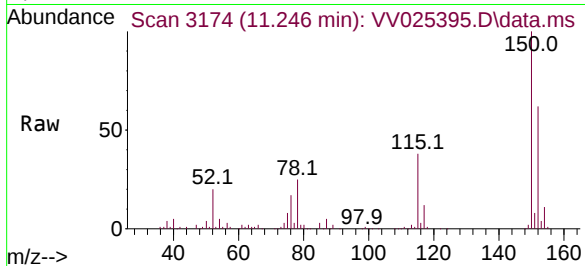




#61
1,2,3-Trichloropropane
Concen: 1.624 ug/L
RT: 11.246 min Scan# 311
Delta R.T. 0.974 min
Lab File: VV025395.D
Acq: 07 Apr 2022 19:12

Instrument :
MSVOA_V
ClientSampleId :
YB2P4

Tgt Ion: 75 Resp: 8051
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6
110 2.6 31.6 47.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.362 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.177 min
Lab File: VV025395.D
Acq: 07 Apr 2022 19:12

Tgt Ion: 75 Resp: 321
Ion Ratio Lower Upper
75 100
155 0.0 80.0 120.0#
157 0.0 94.5 141.7#

